

I am a full-stack software engineer passionate about crafting seamless and impactful web and mobile application experiences. My expertise lies in building scalable systems, ensuring reliability, and delivering high-quality, production-ready applications. I have hands-on experience integrating AI technologies such as OpenAI's GPT, Google's Gemini, and Anthropic's Claude, enabling intelligent features like natural language understanding, document processing, and AI-driven chatbots within applications. Beyond development, I actively give tech talks around the country, sharing insights on modern software engineering practices and the transformative role of AI in technology. I'm a fast learner, always eager to explore emerging tools and methodologies to continuously improve and contribute meaningfully to the projects and communities I'm part of.

Work Experience

Mobile App Engineer

Engineering team

Compass

Australia

May 2025 - July 2025

- Developed and maintained backend features using C#, addressing system issues and improving overall reliability and performance.
- Implemented new functionalities and optimized existing backend services to meet evolving business requirements.
- Integrated third-party APIs into React web applications, enhancing external service connectivity and user experience.
- Built modular and reusable UI components in React, promoting maintainability and consistency across the application.
- Applied the same third-party API integration and component reusability principles in React Native for mobile development.
- Ensured cross-platform consistency between web and mobile applications through shared logic and UI standards.
- Collaborated with designers, QA engineers, and backend developers to deliver seamless, high-quality features.
- Participated in agile development practices including sprint planning, daily stand-ups, and code reviews.
- Developed and integrated Django-based backend services, enabling seamless API communication, business logic handling, and data persistence.

React Native Engineer

Engineering team

Atlas Labs

Sri Lanka

Feb 2025 - April 2025

- Developed and maintained mobile application features using React Native, enhancing cross-platform performance and user experience.
- Utilized Redux Toolkit (RTK) for centralized and scalable client-side state management.
- Leveraged React Query for efficient server state management, caching, and data synchronization.
- Integrated Firebase Authentication to enable secure and real-time user login and account handling.
- Consumed APIs via GraphQL, optimizing network performance and ensuring efficient data fetching.
- Built modular, responsive, and reusable UI components for both iOS and Android platforms.
- Collaborated with cross-functional teams including designers and QA to deliver polished, reliable features.
- Participated in agile development practices including sprint planning, daily stand-ups, and code reviews.
- Resolved critical bugs and performance bottlenecks, contributing to improved app stability and release velocity.
- Developed and integrated Django-based backend services, enabling seamless API communication, business logic handling, and data persistence.

Software / Backend Engineer

Engineering team

Collabera Digital - Cebu Pacific

Manila, Philippines

June 2024 - December 2024

- Developed and maintained features and bug fixes for the Account Management system, improving user experience and security.

- Developed and maintained features and bug fixes for the Booking system, optimizing the booking flow and performance.
- Led the development and enhancements of the Account Management system, ensuring scalability and reliability.
- Collaborated closely with QA teams to ensure smooth functionality and the stability of the QA environment.
- Assisted QA Engineers and Frontend Engineers to deliver high-quality, precise, and accurate development in line with project requirements.
- Participated in cross-functional team discussions to identify technical improvements and address issues efficiently.

Cloud Engineer

Senti AI

April 2023 - June 2024

Engineering team

Manila, Philippines

- Developed scalable and fast web applications using Lit Framework, Fastify, Firebase, Tailwind and JavaScript.
- Integrated DocAI, a Google product serving as an OCR solution for documents, enhancing application functionality and usability.
- Integrated backend APIs seamlessly with frontend functionality to enhance application capabilities.
- Implemented responsive frontend design for optimal user experience across various devices.
- Created backend APIs to facilitate data communication and interaction between the frontend and server.
- Utilized GitLab and Git for effective version control management.
- Utilized the Gemini API to extract contextual information from unstructured text documents, enabling smarter data processing.
- Created a chatbot powered by document-based data, allowing users to interact and retrieve information directly from uploaded text files.
- Developed and integrated Django-based backend services, enabling seamless API communication, business logic handling, and data persistence.

Freelance Software Developer/Engineer

Freelance

2018 - January 2023

- Developed scalable and high-performance web, mobile, and desktop applications using React, React Native, C#, MySQL, MongoDB, Node.js, Material UI, Bootstrap, Tailwind CSS, PHP, GraphQL, and TypeScript.
- Implemented responsive frontend designs to ensure optimal user experience across a wide range of devices.
- Integrated backend APIs seamlessly with frontend components to enhance application capabilities and performance.
- Continuously evaluated and updated third-party packages and libraries to leverage new features and maintain application efficiency and competitiveness.
- Built and managed business applications using **Zoho Creator**, streamlining workflows and enhancing automation capabilities.
- Collaborated effectively with clients to gather requirements, provide updates, and ensure satisfaction with project deliverables.
- Utilized Git and GitHub for version control, enabling efficient team collaboration and codebase management.

Software Engineer Intern

Southern Taiwan University of Science and Technology

Feb 2023 - June 2023

Tainan City, Taiwan

- Developed scalable and fast web applications using React Framework, Flask, Material UI, Typescript and Python.
- Implemented computer vision algorithms and techniques to enable advanced image processing and analysis within applications.
- Optimized computer vision algorithms for performance and efficiency, ensuring real-time processing and responsiveness.
- Deployed Flask Application in AWS EC2 for scalable performance.
- Deployed React Application in Vercel for scalable and efficient performance
- Implemented responsive frontend design for optimal user experience across various devices.
- Integrated backend APIs seamlessly with frontend functionality to enhance application capabilities.
- Utilized GitHub and Git for effective version control management.

- Continuously evaluated and updated integrated packages to leverage the latest features and improvements, maintaining the applications' competitiveness and efficiency.

Full Stack Engineer

CP Health Innovation, Inc
Manila City, Manila

January 2023 - March 2023

- Developed scalable and fast web and mobile application using React and React Native Framework, Material UI, Typescript, Node.js and PostgreSQL.
- Integrated backend APIs seamlessly with frontend functionality to enhance application capabilities.
- Utilized Gitlab and Git for effective version control management.
- Implemented responsive frontend design for optimal user experience across various devices.

Senior Software Engineer

HOMEQUBE

November 2022 - January 2023

Engineering Team

Manila City, Manila

- Developed scalable and fast web application using React Framework, Tailwind, Firebase and Typescript.
- Implemented responsive frontend design for optimal user experience across various devices.
- Integrated backend APIs seamlessly with frontend functionality to enhance application capabilities.
- Utilized GitHub and Git for effective version control management.
- Continuously evaluated and updated integrated packages to leverage the latest features and improvements, maintaining the applications' competitiveness and efficiency.
- Provided mentorship and guidance to junior developers, fostering their professional growth and development within the team.

Backend Developer

City Government of Puerto Princesa

October 2022 - December 2022

Engineering Team

Puerto Princesa City, Palawan

- Developed scalable and fast backend application using Node.js, Typescript and Kafka
- Utilized Gitlab and Git for effective version control management.

Lead Software Engineer

In Silence AI

January 2022 - December 2022

Engineering Team

Japan

- Developed scalable and fast web application using React Framework, Tailwind, Firebase, Cloud Functions and Node.js
- Utilized Github and Git for effective version control management.
- Lead the development of the web application from scratch until the deployment.
- Deployed React Application in Vercel and Node.js Application in Digital Ocean for scalable and efficient performance.
- Integrated various third-party APIs.

Junior React Native Developer

CHuGO Pte Ltd

August 2022 - October 2022

Engineering Team

Singapore

- Implemented designs into a functional application, ensuring alignment with the intended user experience and visual aesthetics.
- Utilized Github and Git for effective version control management.

React Native Developer

Fourello

June 2022 - August 2022

Engineering Team

Manila City, Manila

- Implemented designs into a functional application, ensuring alignment with the intended user experience and visual aesthetics.
- Utilized Github and Git for effective version control management.

Mobile Application Developer

CAWIL.AI

January 2022 - December 2022

Engineering Team

Manila City, Manila

- Developed scalable and fast mobile application using React Native Framework and Firebase.
- Utilized Github and Git for effective version control management.
- Lead the development of the web application from scratch until the deployment.
- Deployed React Application in Vercel and Node.js Application in Digital Ocean for scalable and efficient performance.
- Integrated various third-party APIs.
- Deployed the mobile app in both playstore and app store.
- Integrated a TensorFlow machine learning model into the application to enable intelligent features.
- Conducted thorough QA testing of the TensorFlow model to validate accuracy, performance, and reliability in production scenarios.

Software Engineer Intern

VibraVid

June 2021 - Jan 2022

Engineering Team

Canada

- Developed and maintained scalable and fast web application using React, Angular, Bootstrap, Node.js, MongoDB, Express and Typescript.
- Utilized BitBucket and Git for effective version control management.
- Collaborated closely with senior developers to exchange insights, resolve complex technical challenges, and refine best practices

Web Developer

Zerobstacles

March 2021 - April 2021

Engineering Team

Puerto Princesa City, Palawan

- Maintained, debugged, and implemented new features in web applications, collaborating across teams and conducting rigorous testing to ensure optimal performance and user experience.
- Collaborated closely with senior developers to exchange insights, resolve complex technical challenges, and refine best practices

Education

- **Bachelor of Science in Computer Science**, Cebu Institute of Technology University, Cebu City. **2019–2023**
- **Bachelor of Science in Computer Science**, Fullbright College, Puerto Princesa City. **2018–2019**
- **TVL - ICT Programming**, AMA Computer Learning Center, Puerto Princesa City **2017–2018**

Technologies and Languages

- Languages: JavaScript, Typescript, PHP, Java, Python, C, C#, Dart, Rust
- Technologies: Angular, React, Next.js, Nestjs, React Native, Redux, Redux Toolkit, Node.js, Express, Fastify, Lit, Flutter, Tauri, Laravel, Codeigniter, Flask, Django MySQL, GraphQL, Postgres, MongoDB, AWS, Git, Github, BitBucket, Gitlab, Firebase, Tailwind, Bootstrap, Android Studio, Xcode, Visual Studio, Visual Studio Code, Google Cloud, 3rd Party APIs, Zoho Create, OpenAI, Antropic Claude, Gemini API, Prisma, Docker

Awards

- **CODEBREAK AI Beach Hackathon - 3rd place**, Arbolo **March 2025**
- **Philippine Startup Challenge R7 - Top 35**, DICT **October 2023**
- **U:Hack X DTI 2022 - 2nd Place**, UnionBank of the Philippines **September 2022**
- **Palawan Provincial Skills Competition - Web Technologies 2021 - 2nd Place**, TESDA **October 2021**
- **Kumu Haqathon - Grand Champion**, Kumu **October 2021**
- **Accenture: Program the Future - Top 20 (National)**, Accenture **July 2021**

- **Impact Hackathon for Education - 2021 - Top 5**, Impact Hub Manila **May 2021**
- **Philippine Cloud Skills Challenge by Microsoft - 2nd Place**, Microsoft **June 2021**
- **Zoohackathon Southeast Asia 2020 - Philippine Representative**, U.S. Department of State **November 2020**
- **Impact Hackathon - National Finalist**, Impact Hub Manila **August 2020**
- **Impact Hackathon - National Finalist**, Impact Hub Manila **November 2019**
- **Trend Micro University CTF (Capture The Flag) - 2019 - 1st place - Visayas Online Qualifier (Regional) - National Qualifier**, Trend Micro **September 2019**
- **Pitch Perfect 2019 - Audience Choice Award**, Cebu Institute of Technology - University **September 2019**

Certifications

- **React (Basic)** - 199022bbcf6d, HackerRank **January 2023**
- **Node (Basic)** - dabea039b15a, HackerRank **January 2023**
- **JavaScript (Basic)** - 1b511406650f, HackerRank **January 2023**
- **JavaScript (Intermediate)** - a61f939b7081, HackerRank **January 2023**
- **Python (Basic)** - 936c6c482a4e, HackerRank **January 2023**
- **Intermediate Python** - 17358998, DataCamp **January 2021**
- **Introduction to Python** - 6023901, DataCamp **January 2021**
- **Problem Solving (Basic)** - E274E13E23D5, HackerRank **December 2020**