

Vivek G Sindagi

Bengaluru, India | +91 87620 76242 | vivekganeshs12@gmail.com | @linkedin | @github | www.vivs.live

PROFESSIONAL SUMMARY

Offering a solid foundation in data engineering principles, with a strong willingness to learn and grow in a dynamic environment. Familiar with SQL and Python, aiming to develop expertise in data integration, ETL processes, and scalable data pipelines. Additionally, passionate about web development, with an interest in building interactive and user-friendly applications.

EDUCATION

B.M.S. College of Engineering BIPS PU Science College Basaveshwara International Public School	B.E. in Information Science and Engineering CGPA: 8.61 12th Grade PCMC Score: 99.75% 10th Grade - CBSE Score: 93.4%	2021 - 2025 2019-2021 2019
--	--	----------------------------------

SKILLS

Programming Languages: Python, TypeScript, C++, Kotlin, JavaScript, PostgreSQL, Dart

Frameworks and Libraries: React, Next.js, Shadcn, Tailwind, React Native, Flutter

Data Cloud Technologies: Databricks, Datadog, Apache Airflow, Firebase

Others: Docker, Postman, Git, Retool, Figma, Photoshop, Illustrator

EXPERIENCE

Hinge Health | *Data Engineer Intern* Nov 2024 – March 2025

- Developed a PySpark-based data pipeline on Databricks, orchestrated via Airflow DAG, to fetch and aggregate data from bronze to gold layers and forward key data points to the messaging service by exploring multiple approaches to meet product requirements and by creating the **Technical Design Document (TDD)**.
- Created a common codebase for PySpark Jobs that process data and post fields to Iterable, **reducing development time** and maintaining **DRY principles**.
- Built a pipeline statistics and project metrics dashboard in Databricks, integrating multiple data sources to enhance visibility for stakeholders, enabling real-time job monitoring and anomalous spikes in the jobs' runtime.
- Implemented Datadog and Airflow DAGs to track SQL execution and connection times, **improving system reliability**.

Hinge Health | *Software Engineer Intern - Full Stack* Aug 2024 – Oct 2024

- Developed a library of **reusable UI components** using TypeScript, improving development efficiency and ensuring consistency across the application.
- Developed a **scalable typography** system using Tailwind CSS variables and npm Storybook, enhancing design flexibility and easy management using stub data.

PROJECTS

Castura [🔗](#) | *TypeScript, Next.js, Tailwind*

- Developed a scalable web application enabling users to record screens with camera and microphone inputs using browser media APIs, optimized for smooth recording and playback.

CropWise [🔗](#) | *Python, Scikit-Learn*

- Designed and implemented machine learning models leveraging Scikit-Learn to predict crop yields based on soil composition and climate data, achieving over **95% accuracy** for each model.

RepoMarker [🔗](#) | *Next.js, TypeScript, Tailwind*

- Built an advanced markdown editor featuring syntax highlighting, real-time preview, and customizable themes using Next.js and React hooks.

TextDiff [🔗](#) | *Next.js, TypeScript, Tailwind*

- Engineered a high-performance text comparison tool utilizing the **Diff algorithm** to highlight content variations, facilitating document version control.

MyPomodoro [🔗](#) | *Kotlin, SQLite*

- Developed a Pomodoro time management application with **SQLite storage** for tracking productivity sessions, featuring notifications and customizable intervals.

CERTIFICATIONS

Google Advanced Data Analytics | Coursera [🔗](#) Feb 2025

User Interface Design and Prototyping | Coursera [🔗](#) Feb 2025

Google Crash Course on Python | Coursera [🔗](#) April 2023

Cybersecurity Fundamentals by IBM | Credly [🔗](#) May 2021

LEADERSHIP ACHIEVEMENTS

Joint Secretary, BMSCE IEEE Student Branch Jan 2022 - Jan 2023

Senior Graphic Designer, UTSAV PHASESHIFT Oct 2024 - Dec 2024

Junior Graphic Designer, UTSAV PHASESHIFT Oct 2023 - May 2024

Organizing Committee – ICHack 1.0 **National Level Hackathon** Sept 2022

Media Lead, ISE Student Club May 2023 - Dec 2023