Shehab Shalan

Passionate about software development and building innovative products, I thrive on continuous learning and collaboration. I'm open-minded, enjoy expanding my skillset, and I'm equally comfortable working independently or as part of a team, consistently delivering effective results.

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WORK EXPERIENCE

Software Engineer
SAP

12/2022 - Present   *Remote - Germany*

Achievements/Tasks

- Developed full-stack MVPs and product-ready web apps using modern technologies.
- Leveraged AI technologies like LLMs and vector databases with Langchain to create innovative solutions.
- Collaborated with cross-functional product, design, and engineering teams to deliver projects of varying complexity.
- Wrote clean, maintainable, and well-tested code.
- Tech Stack: TypeScript, React.js, Next.js, Langchain, Python, Prisma, PostgreSQL, tRPC, Node.js, Jest, Docker, Git, and Jira.

Co-founder & Full Stack Developer
AllefYaa

06/2021 - 10/2022   *Remote - Yemen*

Achievements/Tasks

- Created two dashboards to manage the operations of two mobile apps with React.js, React Query, and Material UI
- Created an entire delivery platform from scratch with Next.js, React Query, and Material UI.
- Contributed to the backend by creating REST API.
- - Involved actively in the development life cycle from requirement gathering to deployment.
- Managed a team of 5 across different disciplines.
- Tech Stack: TypeScript, Next.js, React.js, Node.js, Express.js, MongoDB, Material UI, Git, and Jira.

EDUCATION

MSc. Web and Data Science
Universität Koblenz · Landau - Germany

11/2020 - Present

Achievements

- Studied Machine Learning, Big Data, Data Science, Web Engineering, and other computer science-related subjects.

BSc (HONS) in Information Technology
Asia Pacific University of Technology & Innovation - Malaysia

01/2016 - 03/2019

Achievements

- Graduated with first class honors.

TECHNOLOGIES

`JavaScript/TypeScript` `Python` `React.js`
`Next.js` `Node.js` `tRPC` `Prisma`
`PostgreSQL` `MongoDB` `Docker` `CI/CD`
`Jest` `Git`

PROJECTS

SyllabusAI

- Built using TypeScript, Next.js, schadcn/ui, and OpenAI.
- AI-powered learning platform where users can learn about anything using AI. Features chapters creation based on the user query, detailed lessons, and ability to generate quizzes based on the chapter. All are powered by GPT-3.5 turbo model and Function Calling to parse generated responses.

Bug Tracker App ⬈

- Built using TypeScript, Node.js, Express.js, MongoDB, React.js, React Query, MUI, Docker, Supertest, and Jest.
- Features multi-level authentication using JWT, where users can create, delete, assign tickets or add members to projects.

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Full Professional Proficiency

German
Elementary Proficiency