

Vijay Benal

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PROFESSIONAL SUMMARY

Full-stack developer with 2+ years of experience building scalable web applications and AI-powered tools. Proficient in React.js, FastAPI, Docker, and Azure, with hands-on experience delivering production-grade software for enterprise clients and internal platforms. Demonstrated success in leading end-to-end feature development, optimizing performance, and deploying cloud-native applications.

SKILLS

Languages: JavaScript, Python, TypeScript, SQL, HTML/CSS

Frameworks & Libraries: React.js, Redux, FastAPI, Node.js, Express.js

Database & Cloud: PostgreSQL, Azure (Blob Storage, DevOps, App Services)

DevOps & Tools: Docker, GitLab CI/CD, VS Code, Git, Linux

EXPERIENCE

Software Developer: Graphene AI

August 2022 - Present

- Engineered scalable web applications using **React.js**, **Node.js**, and **FastAPI**, enhancing performance by **35%** and increasing user engagement.
- Implemented and secured RESTful APIs for file management using **Azure Blob Storage**; launched deployments via **Azure App Services**.
- Created and deployed **LLM-powered chatbots** using **OpenAI API** and **FastAPI**, improving automated user support by **60%**.
- Streamlined CI/CD workflows with **Docker**, **GitLab CI**, and **Azure DevOps**, cutting release cycles by **70%**.
- Collaborated cross-functionally with PMs and designers to ship **5+ production releases** in Agile sprints.

PROJECTS

ArticleAgent:

- Led the end-to-end development of an AI-based article generation tool used by over **1,000+ monthly users**.
- Built backend services with **FastAPI** and **crafted** a responsive React.js frontend, reducing load times by **40%**.
- Integrated **OpenAI GPT models** to automate content creation, cutting manual effort by **60%**.
- Containerized the app with **Docker** and deployed it on a **Linux VM**, improving stability and uptime.
- Optimized the full publishing workflow from input to output, enhancing user productivity by **50%**.

DaizyAI:

- Designed AI-driven analytics modules using **FastAPI** and **React.js** to power real-time decision support.
- Constructed 10+ REST APIs to handle data pipelines, reducing latency by **30%**.
- Built interactive dashboards with **React** and **Chart.js** to visualize predictions and KPIs.
- Secured analytical documents using **Azure Blob Storage**, minimizing retrieval failures.
- Contributed to a **microservices architecture** scaling to **100,000+ API requests/day** with high reliability.

EDUCATION

Dayanand Sagar College of Engineering,
Bachelor of Engineering in Electronics and Communication Engineering
SGPA – 7.42