Vijay Benal

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SUMMARY

Full Stack Developer with expertise in **React.js, Node.js, FastAPI, and SQL**. Experienced in designing and deploying **microservices**, optimizing **RESTful APIs**, and implementing **CI/CD pipelines** to streamline development workflows. Skilled in **software testing, API security, and cloud platforms (Azure)**, ensuring reliable and scalable applications. Focused on improving system performance and developing maintainable, high-quality code.

EDUCATION

DSCE, BENGALURU
BE IN ELECTRONICS
& COMMUNICATION ENGINEERING
2019 - 2022 | CGPA: 7.42

BVVS POLYTECHNIC, BAGALKOT
DIPLOMA IN ELECTRONICS &
COMMUNICATION
May 2019 | Bagalkot, Karnataka

BPS VIDYAGIRI, BAGALKOT
May 2016 | Bagalkot, Karnataka

SKILLS

Front-end: HTML, CSS, JavaScript, ReactJS, Redux, NextJS, TailwindCSS, Bootstrap
Back-end: Node.js, Express.js, FastAPI
Programming: Python, JavaScript
Database: Microsoft SQL Server, PostgreSQL, MongoDB
Testing: Test planning, execution, bug tracking, reporting
DevOps & Tools: Git, Docker, CI/CD, Azure (Blob Storage, DevOps, App Services, Functions), GitHub Actions

CERTIFICATIONS

- React – The Complete Guide

- Node with React: Full Stack Web Development

EXPERIENCE

GRAPHENEAI | SOFTWARE DEVELOPER
Aug 2023 - Present
- Developed scalable web applications using **React.js, Node.js, FastAPI**, improving performance and user experience.
- Designed and implemented **RESTful APIs** for secure file management using **Azure Blob Storage** and deployed applications using **Azure App Services**.
- Built and deployed **LLM-powered chatbots** with **OpenAI API and FastAPI**, enhancing AI-driven user interactions.
- Automated deployment pipelines using **Azure DevOps, Docker, and CI/CD**, streamlining release management.
- Developed and maintained a **microservices architecture**, ensuring scalability and maintainability.

GRAPHENEAI | SOFTWARE TEST ENGINEER (QC)
Aug 2022 - Aug 2023
- Conducted **functional, API, regression, and performance testing**, improving software reliability and stability.
- Automated test execution using **Selenium and Playwright**, reducing reliance on manual testing.
- Developed and executed **comprehensive test cases**, ensuring full coverage of usability, functionality, and regression scenarios.
- Performed **API testing** using **Postman and Swagger**, validating data integrity and security compliance.
- Managed **test cases and bug tracking** in **Azure DevOps**, streamlining issue resolution workflows.
- Implemented **shift-left testing practices**, identifying and addressing defects earlier in the development cycle.

PROJECTS

AI IMAGE SAAS PLATFORM
Tech Stack: Next.js, TypeScript, MongoDB, Cloudinary, Stripe, Clerk, TailwindCSS, Vercel
Live Demo: https://imaginify-swart.vercel.app/
- Developed an **AI-powered image processing platform** with features like image restoration, recoloring, and object removal.
- Implemented **secure authentication (Clerk)** and **Stripe-based payment system** for credit purchases.
- Designed a **responsive UI/UX** with **TailwindCSS** and deployed the platform on **Vercel**.