Vishnuprasad Bhat

Lead Software Development Engineer

Bengaluru, India | 7022927733 | bhatvishnu.1@gmail.com | https://vishnuprasadbhat-portfolio.vercel.app

Frontend Developer | 6 years in ReactJS, Next.js & TypeScript | Intermediate backend expertise in Python & Node.js

PROJECTS

- **AI Recruitment Engine** – Built AI-powered resume analysis engine using FastAPI, Next.js, and Gemma3; enabled bulk evaluation and skill scoring for hiring teams.
- **Document Summary & RAG System** – Developed AI-driven summarization and Q&A system with Langchain and Streamlit.
- **Custom-Guardrails** – Created pluggable Python framework for LLM validation and safety checks.
- **Extractor Tool** – Built a microservice-based frontend using Next.js and Material UI to extract and present core banking parameters from Temenos - core banking software system.
- **Business Application** – Developed a customer-centric digital banking frontend with Next.js and Chakra UI, covering onboarding, payments and user management for First Abu Dhabi Bank.
- **CRM Application** – Created React-based CRM system with dashboards, case management using reusable components for UNO Bank - southeast Asia's first digital bank.
- **Detachable Smart Faucet** – Designed a low-cost, IoT-based smart faucet prototype using Arduino and sensors; awarded Indian patent and government grants.

EXPERIENCE

Jun 2022 – Present

Lead SDE | Maveric Systems | Bengaluru, India

- Lead AI Engineer, designing and implementing AI/LLM-driven solutions including custom guardrails, intelligent recruitment engines, and enterprise-grade RAG systems.
- Collaborating with cross-functional teams to deliver scalable AI solutions for banking and fintech clients.
- Developed and enhanced features for digital banking applications (onboarding, payroll, payments, user management) using reusable ReactJS components, improving code maintainability by **50%**.
- Built responsive, interactive dashboards to improve user experience across platforms.
- Led the development of an internal tool (Next.js-based) to fetch complex data from Temenos core banking and present it in a user-friendly interface.
- Mentored junior team members, contributed to design discussions, and played a key role in architectural decisions.

Oct 2019 – May 2022

Senior Systems Engineer | Infosys Limited | Bengaluru, India

- Developed an Identity & Access Management (IAM) web application for a major US-based food company using ASP.NET and React.
- Improved grid view performance by optimizing data binding.
- Automated recurring operational tasks using **Windows Schedulers**.
- Actively involved in requirement gathering, system design, development, and testing phases.
- Collaborated closely with operations to reduce downtime by **80%**.

- Maintained and fine-tuned production databases to ensure optimal performance.

SKILLS

Languages
TypeScript, JavaScript, Node.js, Python, GraphQL

Web Technologies
ReactJS, Next.js, Redux, Tailwind, HTML, CSS, Material UI, Chakra UI, Jest, Cypress

Tools & Version Control
Git, VS Code, Jupyter Notebook

Cloud & DevOps
basic Docker, CI/CD pipelines

Databases
MongoDB, MySQL

AI & ML Frameworks (learning)
Langchain, Transformers, PyTorch, Streamlit, CrewAI

ACHIEVEMENTS

- **Mentorship Award (2023)** – Recognised for guiding and supporting junior developers on Frontend Stacks.
- **Maveric Leadership Award (2023)** – For going beyond role responsibilities to drive project success.
- **Rising Star Award (2020)** – RCLADM CROWN Awards, Infosys Q1-FY'21.
- **Best Final Year Project & Project Champion Award (2019)** – For "Detachable Smart Faucet".

EDUCATION

Jul 2019

Bachelors of Engineering | B.N.M. Institute of Technology | Bengaluru

- Electronics and Communication Engineering
- Designed and implemented an affordable prototype to replace expensive smart faucets - Detachable Smart Faucet
- CGPA: 7.91

CERTIFICATIONS

- The Complete JavaScript Course (2024) – Udemy
- Modern React with Redux – Udemy
- Build Responsive Real-World Websites with HTML & CSS – Udemy