Vaibhav Masaye

Full Stack Developer Engineer

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Profile

Full Stack Developer with hands-on experience in building scalable SaaS platforms and cloud-native apps using Java Spring Boot, React, and AWS.

Professional Experience

September 2025 – Present
Navi Mumbai

Senior full stack developer
Dignisys

- Architect and develop highly scalable, secure, and high-performance applications.
- Lead client meetings, requirement gathering, and technical solution planning.
- Design scalable system architectures and technical roadmaps.
- Build and manage DevOps & CI/CD pipelines for automated deployments.
- Monitor cloud infrastructure, servers, deployments, and production environments.
- Lead development teams, mentor engineers, and conduct code reviews.
- Solve complex technical challenges and optimize application performance.
- Collaborate with cross-functional teams to deliver high-quality software on time.

August 2022 – June 2025
Mumbai suburban, India

Full Stack Developer Engineer
Atomos Technologies

- **Led the development of Inertia Pros**, a market research project management software, overseeing both **frontend and backend architecture**.
- Built scalable backend systems using **Java**, **Spring Boot, Spring security** , including a **Digital asset storage solution** integrated with **AWS S3**.
- **Developed and maintained RESTful APIs** using **Spring Boot**, **Spring security**, ensuring high performance, security, and scalability.
- Engineered dynamic web interfaces using **Node js, React.js, Next.js, and Tailwind UI**, enhancing user experience and performance.
- Worked extensively with **MongoDB and MySQL** to design efficient, secure, and scalable data models.
- Deployed production-grade applications on **AWS EC2** and **Google Cloud VMs**, using **GitHub Actions for CI/CD** automation.
- Integrated cloud services across **AWS and GCP**, ensuring high availability, scalability, and performance.
- Collaborated with **cross-functional teams** to deliver robust solutions aligned with user needs and business objectives.

December 2021 – May 2022
Mumbai suburban, India

Full Stack Web Developer Intern
Traversia Technology Pvt. Ltd

- Proficient in **Spring Boot, Spring security**, **Angular**, and **MySQL**, with a strong focus on building robust and scalable REST APIs.
- Delivered **20,000+ lines of production-ready code**, translating complex requirements into efficient, high-quality solutions.
- Skilled in **debugging**, **code optimization**, and enhancing the performance of existing applications.
- Experienced in using modern IDEs to streamline development workflows and improve productivity.
- Prioritized issue resolution to maintain optimal **application performance** and ensure a seamless user experience.

Education

August 2018 – June 2022 **BTEC-HND - Pearson**
Lithan Pvt.Ltd.

August 2018 – June 2022 **Bachelor of Computer Applications**
Suresh gyan vihar university

Skills

Languages
Java, Node.JS, JavaScript, TypeScript, Swift, Kotlin

Databases
MySQL, PostgreSQL, Redis, MongoDB, Firebase

Frameworks/Libraries
Spring Boot, Express JS, React JS, Next JS, Tailwind UI, Next js

Tools & Technologies
Docker, AWS, Kubernetes, NGINX, Google cloud platform

Projects

June 2024 – present **inertia Pros**
Market Research project management software

- Led the development of **Inertia**, a management platform, coordinating a **cross-functional team** to deliver scalable solutions.
- Built a **responsive frontend** using **Next.js (TypeScript), SWR, and Redux**, designing reusable components for forms, tables, and charts.
- Developed a **scalable backend** with **Express.js (TypeScript) and Java Spring Boot**, integrating **AWS (SES, S3), Redis (caching), and MongoDB**.
- Designed **RESTful APIs** with security layers, managed **AWS infrastructure**, and integrated third-party services with thorough documentation.
- Implemented **AI-powered features** using **OpenAI's ChatGPT** for dynamic reports, sentiment analysis, and automated insights, enhancing decision-making.
- Collaborated with suppliers and clients to deliver a **seamless, intelligent management ecosystem**.

September 2023 – November 2023 **People's SaaS - HRMS**
Led the development of *Peoples SaaS*, an HR Management System built with React.js, Express.js, Tailwind, Node.js, and MongoDB. Designed a feature-rich portal for employees and admins, supporting secure login, attendance, leave management, reimbursements, payroll, and HR policy tools. Implemented admin controls for team management, offer letters, and approval workflows to streamline HR operations.

May 2024 – June 2024 **MI-Payslip**
Payslip & Payroll Management Software
Built with Next.js (TypeScript, SWR) and Express.js (TypeScript) using AWS SES, S3, and Redis. Enables HR to log in, upload payroll Excel sheets, select the payroll month, and auto-generate payslips for employees. HR can edit calculations and download finalized payslips, streamlining payroll processing and management.

February 2025 – present **Audit Management**
Admin & User Side
Developed with Next.js (TypeScript, SWR) and **Node.js, Express.js (TypeScript)** using AWS SES, S3, and Redis. Allows the audit team to create and assign questionnaires to auditors. Automatically shares audit links via WhatsApp, captures responses, generates PDF reports, and shares them with clients through a secure portal. Integrated Power BI dashboards for real-time analytics and insights.

September 2024 – October 2024

Camel Cloud

Internal Company Backbone for Digital Asset Storage System

An internal company-wide asset management backend built with **Node js , Express.js and AWS S3, deployed using Docker and Docker** Compose. This system is a centralized solution for storing digital assets across all IT projects, acting as a core infrastructure service. It supports uploading files of all types, including large files up to 400MB with fast upload speeds (~3.3s) and efficient retrieval. Users can upload to custom directory paths, and the system offers a wide range of multipurpose APIs. Notable APIs include one that merges multiple uploaded images into a single PDF, and another that converts multiple image URLs into a consolidated PDF file—commonly used across automation pipelines and widely adopted by Atomos technology developers as an essential service for asset handling.

Awards

March 2024

Attended AI & Machine Learning Summit 2024, Mumbai, India