Job Description – Full Stack Engineer

Location: Bangalore
Employment Type: Full-time
Experience: 8–10 years

About Us

Avo Automation is an industry-leading test automation platform dedicated to revolutionizing how businesses approach software quality.

Emerging from stealth mode in late 2020, we have focused on transforming the way organizations think about software quality.

Our AI-driven, no-code platform delivers continuous quality assurance across key business processes and supports over 200 technologies.

With efficient test data management and machine learning capabilities, our platform enables teams to enhance quality, conduct efficient data validation, and reduce time to market.

About the Role

We are looking for a versatile **Full Stack Engineer** who can work across frontend, backend, and cloud infrastructure to deliver scalable SaaS features. The ideal candidate is hands-on with React/Vue, Node.js, Python microservices, and cloud-native deployments on Azure, with a strong focus on quality, observability, and collaboration.

Key Responsibilities

Frontend Development

- Build responsive and modular UIs using **React and/or Vue**.

- Apply **JavaScript/TypeScript** and state management (Redux, Vuex, Pinia).

- Collaborate with designers for pixel-perfect UX, write unit/E2E tests (Jest, Cypress).

Backend Development

- Develop APIs with **Node.js** (REST, GraphQL) and Python-based microservices.

- Implement secure APIs with OAuth2, JWT, role-based access, and rate limiting.

- Integrate AI/ML features via backend services.

Database & Data Layer

- Design MongoDB schemas, indexes, and aggregation pipelines.

- Work with caching (Redis) and hybrid data approaches (NoSQL + relational).

Cloud & DevOps (Azure)

- Deploy on **Azure App Services, AKS, Functions, and Storage**.

- Set up CI/CD pipelines (Azure DevOps/GitHub Actions) with Dockerized services.

- Apply cloud security practices with Key Vault, IAM, and cost-optimized design.

Integration & SaaS Mindset

- Build **multi-tenant SaaS features** with tenant isolation and usage metering.

- Design event-driven services using Azure Service Bus and Event Grid.

- Integrate with external APIs and third-party platforms.

Quality & Observability

- Maintain strong testing practices (unit, integration, E2E).

- Implement monitoring, structured logging, and tracing with Azure Monitor, App Insights, ELK stack.

- Debug and profile across frontend, backend, and databases.

Collaboration & Agility

- Work in Agile/Scrum teams with continuous delivery practices.

- Participate in code reviews, architectural discussions, and backlog refinement.

- Adapt flexibly across frontend, backend, and DevOps tasks.

Qualifications

- Bachelor's in Computer Science, Engineering, or equivalent experience.

- 8–10 years of full stack development experience.

- Strong skills in **React/Vue, Node.js, Python, and MongoDB**.

- Hands-on with **Azure cloud deployments and CI/CD pipelines**.

- Experience building SaaS platforms with **multi-tenancy and event-driven architectures**.

- Strong debugging, testing, and collaboration mindset.