

Mohd Aman Zaid

SENIOR SOFTWARE ENGINEER

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About

Senior Software Engineer with 4+ years of experience in frontend and full-stack development, building scalable SaaS applications. Skilled in leading teams, optimizing performance, and adopting best engineering practices. Passionate about solving complex technical challenges.

Work Experience

Primathon

Gurgaon, India

SENIOR SOFTWARE ENGINEER

Apr 2024 - Present

- Lead a team on **HubStar Connect** (formerly Smartway2), an enterprise SaaS workspace scheduling app with notable clients like the **UK Government's Home Ministry**.
- Developed key features including Agenda-View, Week-View, and Live-View, enhancing visibility into schedules and resource locations.
- Reduced user interaction bugs by 50%** using **Xstate** for event-driven statecharts and **optimized performance by minimizing API calls by 30%** through efficient caching.
- Implemented **internationalization (i18n)** and collaborated with a11y audit agencies to meet top-tier **web accessibility (a11y)** standards.

Technologies: JavaScript, Ember.js, Node.js, HTML, CSS, Tailwind CSS, XState, Mirage.js, OpenLayers, Unit Testing, Caching.

SOFTWARE ENGINEER

Feb. 2023 - Apr 2024

- Designed and led the development of a user-assisting system for **Documitra**, streamlining visa and passport service processes.
- Implemented a dynamic forms architecture that **eliminated the need for manual code updates**, enabling the internal team to seamlessly update or add new service offerings via the portal.

Technologies: React.js, Redux, Node.js, Express.js, MongoDB, AWS, S3, Full-stack, Dynamic form generation, scalable architecture.

Yocket

Mumbai, India

SOFTWARE ENGINEER

Apr. 2022 - Feb. 2023

- Worked with one of India's leading study abroad platforms, **Yocket** to develop an auto-counselor assignment feature that **automated 95% of the counselor allocation process**, significantly enhancing operational efficiency.
- Developed email service to notify users about key events like plan purchases, counselor assignments, and document reviews.

Technologies: Full-stack, Vue.js, Nuxt, Node.js, Express.js, Microservices, CronJobs, PostgreSQL, S3.

Primathon

Gurgaon, India

SOFTWARE ENGINEER

Jun. 2021 - Mar. 2022

- Migrated **Smartway2** from a monolithic MVC architecture to a modern REST-based system, **achieving a 45% AWS cost reduction**.
- Created Booking Bot and Groups feature for seamless workspace resource collaboration.
- Ensured system stability** using Mirage.js and QUnit in tests executed within the Continuous Integration (CI/CD) pipeline

Technologies: Ember.js, JavaScript, Tailwind CSS, Unit Testing, Test-driven development(TDD), QUnit, Mirage.js, REST Architecture.

Canny Alley Tech

Gurgaon, India

SOFTWARE ENGINEERING INTERN

Sep. 2020 - Jun. 2021

- Built a SaaS-based visitor management system for **UroSecure**, used by Indian Railways and hospitals, featuring QR-based attendance, visitor/patient registration, temperature scanning, appointment management, consult history, and prescription uploads.

Technologies: Dart, Flutter, Firebase, Push notifications, Custom QR, Geolocation, Voice alerts, Temperature scan.

Skills

- Languages:** JavaScript, TypeScript, Python, Java.
- Frontend & Mobile:** HTML, CSS, Tailwind CSS, React.js, Next.js, Ember.js, Vue.js, OpenLayers, Flutter, Dart.
- Backend & Databases:** Node.js, Express.js, Spring Boot, PostgreSQL, MySQL, MongoDB, AWS (S3, SQS), RESTful APIs.
- Additional Skills:** XState, QUnit, Caching, Test-Driven Development (TDD), Internationalization (i18n), Web Accessibility (a11y).

Achievements

2019 **1st Place**, HackAMU2019 hackathon Sponsored by Fossasia. **Certificate**

Aligarh, India

2020 **1st Place**, Electronics hackathon by Aligarh Muslim University. **Certificate**

Aligarh, India

Education

Aligarh Muslim University

Aligarh, India

B.TECH IN ELECTRONICS ENGINEERING (CGPA: 8.4 / 10.0)

Aug. 2017 - May. 2021