

SHADMAN AFZAL

Fullstack Node.js Developer

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EDUCATION

Guru Gobind Singh Indraprastha University, New Delhi

Bachelor of Technology in Information Technology

Aug 2018 – June 2022

9.4 CGPA

EXPERIENCE

Tata Consultancy Services

Systems Engineer

July 2022 – Present

New Delhi, India

- Worked on multiple projects using the PERN stack, focusing on **Node.js** and **React.js**.
- Utilized a range of industry-standard tools including **Jira**, **Contentful**, **ServiceNow**, **AWS**, **Docker**, and more.
- Optimized API response time from 4 seconds to 20 milliseconds, resulting in a **99.5%** reduced latency and significantly improved user experience globally.
- Designed and implemented AWS infrastructure for job execution utilizing **ECS**, **AWS Lambda**, **CloudFormation**, and **Athena**. Leveraged **GitHub Actions** to streamline and automate code deployment through a robust CI/CD pipeline.
- Implemented session-based authentication for client-side and server-side using **Azure AD**.

Appyhigh

Software Engineer Intern

Sept 2021 – June 2022

Bangalore, Remote

- Created an Email client application with 100K users, developing both Front-end and Back-end. Incorporated multiple email clients such as Gmail, Outlook, and Yandex.
- Developed a Train Ticket booking application, incorporating features such as Ticket booking through the Razorpay payment gateway, real-time Train updates, PNR status tracking, Seat Availability, Train Search functionality, and IRCTC User Authentication integration.
- Utilized **Flutter** and applied the **MVVM** architecture with the Bloc pattern, integrating **RxDart** and **GetX** libraries. Also, used **Node.js** for API development.

TECHNICAL SKILLS

Languages : JavaScript, Typescript, HTML, CSS, Dart, Python, SQL

Frameworks : Next.js, Express, Node.js, Django, React Native, Flutter

Libraries : AWS SDK, React.js, Redux, Tailwind, Webpack, Material UI

Databases : MongoDB, PostgreSQL, MySQL

Tools : AWS, Google Cloud, Docker, Kubernetes, Git, Jira

PROJECTS

Velocity Email Client | Node.js, React.js, Webpack, Tailwindcss, React Redux, Passport.js, Google OAuth2.0

- Developed the Velocity Email Client, a minimalist and user-friendly application enabling seamless email management.
- Implemented features such as inbox organization, dark mode support, and user authentication using **Google OAuth2.0**.
- Utilized **Redux Toolkit** for state management, **Webpack** for module bundling, and **Tailwind CSS** for UI design.
- Source code : <https://github.com/ShadmanAfzal/Velocity-Email-Client>

Tulip Digital | Flutter, Node.js, MongoDB, Git

- Developed and deployed a client-centric mobile app enabling streamlined inventory updates and e-invoice generation. Achieved a **75%** reduction in manual tasks, boosting productivity and accuracy.
- Created back-end APIs using **Node.js** and **MongoDB** as database. Added an Admin Panel to allow the Admin/Owner to inspect the inventory.

CERTIFICATIONS

- AWS Certified Cloud Practitioner (Nov 2023 - Oct 2027)
- AWS Certified Solutions Architect - Associate (Oct 2024 - Oct 2027)

ACHIEVEMENTS

- Received **Technical Excellence Award**
- Received **Star of the Month Award** four times and **Star of the Quarter Award**