

SHADMAN AFZAL

Fullstack Node.js Developer

+91 9650560450 • shadman.afzal.7@gmail.com • linkedin.com/in/shadman-afzal • github.com/ShadmanAfzal

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**, **React.js**, and **AWS**.
- Utilized a range of industry-standard tools including **Jira**, **Contentful**, **ServiceNow**, **Docker**, and more.
- Optimized API response time from 4 seconds to 20 milliseconds, achieving a **99.5%** reduction in latency and significantly enhancing user experience worldwide.
- 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.
- Migrated a legacy Windows network folder to **AWS S3**, significantly improving file upload speed and reducing processing time by automating workflows with **ECS** tasks.

Appyhigh

Software Engineer Intern

Sept 2021 – June 2022

Bangalore, Remote

- Created an Email client application with 100K users, developing both frontend and backend. Incorporated multiple email clients such as Gmail, Outlook, and Yandex.
- Built a Train Ticket booking app with Razorpay payments, real-time train updates, PNR tracking, seat availability, search, and IRCTC authentication.
- Engineered cross-platform mobile apps using Flutter with **RxDart**, **GetX**, **Bloc**, **Firebase**, and **Node.js** for APIs, ensuring optimal performance for 100K+ users on iOS and Android

TECHNICAL SKILLS

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

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

Libraries: AWS SDK, React.js, Redux, React Query, 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, Tailwind CSS, React Redux, Passport.js, Google OAuth2.0

- Built 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/VelocityEngine>

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

- Designed and developed a client-centric mobile app that streamlined inventory updates and e-invoice generation, reducing manual tasks by **75%** and improving productivity and accuracy.
- Created backend APIs using **Node.js** with **MongoDB** as the database. Added an admin panel to allow administrators or owners 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 the **Star of the Month** award four times and the **Star of the Quarter** award.