

Mohammad Anas

Software Engineer

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SUMMARY

Experienced Software Engineer with 5+ years of expertise in frontend and backend development, contributing to big tech firms like **Adobe**, **Samsung** and early-stage startups. Passionate about leveraging **AI** and **Blockchain** technologies to drive innovation and create impactful solutions.

EXPERIENCE

Software Development Engineer 2, ADOBE, Noida, India

May 2021 - Present

- Worked on migrating **Adobe's** CoreSync agent from path-based to ID-based sync reducing payload size by **30 %**. Enabled ONS events to achieve a **45 %** reduction in latency.
- Successfully enabled **Apache Storm** based Asset Event pipeline to reduce search service load by **30 %**. Integrated **ElasticSearch** for efficient data indexing. Achieved a cost reduction of more than **50 %**
- Led the development of **Adobe's** Digital Composite Technology (DCX) **JavaScript** library. Enforced optimized resource links to streamline a **60 %** reduction in payload size and a substantial decrease in service infrastructure costs.
- Collaborated with cross-functional teams & developed Composite Native PDFs for **Adobe Photoshop**, enabling advanced features for millions users to collaborate in real-time.
- Developed a log analyzer tool in **React & ElectronJS** capable of processing and interpreting gigabytes of log data using **Python Script** to extract valuable insights significantly reducing debugging time.

Software Engineer, Samsung Research Institute, Noida, India

Feb 2021 - May 2021

- Worked within **Samsung's** Memory Management team, focusing on the development and maintenance of core **Android** system-level components.

Software Development Engineer, Emvoke Technologies, Remote, India

Jun 2020 - Feb 2021

- Created a comprehensive clinic management SaaS platform using **Angular** for frontend & **NodeJS** for backend for an early-stage health tech startup from scratch.
- Mentored four interns throughout the role, providing guidance and support on **Angular** development best practices.
- Implemented **Server-Sent Events** (SSE) for real-time queue updates in **Angular** reducing number of **REST API** calls by more than **50 %**. Improved appointment visibility for doctors, enhancing operational efficiency.

EDUCATION

Jamia Millia Islamia, Delhi, India - Bachelor's of Technology, Computer Engineering - GPA: 8.71 CPI

2016 - 2020

Relevant Coursework: Data Structures, Algorithms, Computer Networks, DBMS

SKILLS

Programming	: Javascript, C/C++, Solidity, Typescript, Python
Frontend Development	: React, Angular, NextJS, Redux, Ionic, HTML/CSS
Backend Development	: NodeJS, Express, Mongoose, Chai, Mocha
Blockchain Technology	: Web3, Ethereum, Smart Contracts, Truffle, Ganache
Development Tools	: Git, Docker, AWS, Jenkins, VS Code, NPM, Yarn, Lerna, Metamask

PROJECTS

BookYourTeacher, [Link](#)

- This is a comprehensive platform that connects students and teachers worldwide for short-term teaching gigs.
- The platform incorporates **Firebase Authentication** for secure login using email and password.
- The frontend is built with **React**, while the backend is powered by **NodeJS**, ensuring a seamless and responsive user experience. Hosted on **AWS**, leveraging its scalability and reliability

dMed, [Link](#)

- It is a **Blockchain**-based Electronic Health Record (EHR) software powered by the **Ethereum** and **Web3** technology.
- The platform enables doctors to create prescriptions stored as **NFTs**, with metadata securely hosted on **IPFS**.
- Pioneered secure medical record storage via the **Ethereum blockchain**, enhancing data privacy and accessibility.

AWARDS & ACHIEVEMENTS

Tech Significance Award of the quarter in Adobe Q4 2024

Dec 2024

Kudos Award of the quarter in Adobe Q1 2022

Mar 2022

Qualified for ACM ICPC regionals in 2017

Dec 2017

Qualified Advanced level DSA test in Samsung

Oct 2019

In the Top 100 solidity developers in India, CodersRank

Jan 2025