Sahil Amin

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EXPERIENCE

Pocket FM

Software Development Engineer   *May 2024-Current*

- Refined the **S3 bucket accommodation** for UGC and CMS Audio Series.
- Added **Multiple cover image** option for authors to choose on writers application with 150k active writers.
- Introduced Gen-AI tools to automate flow of Content QC for Production.
- Engineered End-to-End Bulk upload in translation and summarizing power-tools enhancing operational efficiency.
- Migrated Messaging Infrastructure Transitioning from **RabbitMQ** services to Amazon MQ pipeline.
- Took Text to Speech **bad chunk** regeneration feature live.
- Tech Stacks: **Python, Django, Kubernetes, Docker, AWS, MySQL, RabbitMQ**

InsuranceDekho(CarDekho Group)

Software Engineer   *Aug 2023-Current*

- Developed and Implemented Strategy to track **Bot Attack** hits on Vehicle RC Verification API. Resulted in a remarkable 1000USD monthly reduction in RTO bills.
- Reduced api-response time by 50% optimising **Health, MMV & SEO** pages APIs.
- Customized webpack configuration to include pre or post processing loaders of application reducing LCP by 15%.
- Integrated Google Authentication API in Unified Lead Management System.

Samsung

Software Engineer   *July 2022-July 2023*

- Released updates on OneUI5, OneUI6 for **Pop-Up** SystemUI, Quick Panel, Notification Panel, **CoverScreen**.
- Improved the UI behaviour (resolving 100+ bugs) by analyzing code for system, testing and rectify the issues in development phase for **System UI Framework** in android 12(SOS),13(TOS),14(UOS).
- Implemented Hide Notification on App Lock for quick panel screen.
- With overseas co-ordination, supported OneUI in smart phones, tablets, **flip** & **fold** devices.

Amazon

Software Development Engineer Intern   *Jan 2022-June 2022*

- Integrated **Cloud Desktop Kit** with new stacks for AWS services in the production pipeline.
- Categorized not invoiced items of vendors in **real-time**, providing a business of 1.2 billion inr to Amazon.
- Provided Unit tests and Performed **Functional** and **Integration** tests in Java.
- Automated the end-to-end manual testing process from **AWS SQS**.

XpressDawa Pharmacy

Full Stack Developer Intern   *Aug 2021-Dec 2021*

- Utilized **Python-Scripting** to extract 0.1 million drug records and designed a streamlined data model in **Firestore**
- Increased the performance of API endpoints by 100% using **Lazing Loading** and **Filtering Firestore** query.
- Enhanced user experience by **Caching and Managing Data** of previous purchases in a date wise order.
- Consumed Telegram Bot **APIs** and **HTTP** methods using **Flask**.

TECHNICAL SKILLS

Languages: C++, Python, Java , HTML / CSS, MySQL, PostgreSQL, Javascript, Typescript, MongoDB
Frameworks & Libraries: Spring Boot, React.js, Node.js, Express.js, Flux, Matrial-UI , Firebase, Selenium, Beautifulsoup, Pandas, Flask, FastAPI, JUnit, Mockito, Algolia
Developer Tools: GitHub, Linux, AWS, Heroku, Perforce, UI-Autometer, LaTex, Figma, Docker, Kubernetes, Jenkins, NewRelic, Nginx, Apache, Postman, Hibernat

EDUCATION

Jamia Millia Islamia (Admission rate: 0.2%)

New Delhi, Delhi, India, CPI: 9.36   *Aug 2018 - June 2022*

Bachelor of Technology in **Electronics And Communication** Engineering

Courses: Data Structures & Computer Programming, Computer Architecture, Computer Networking and Data Communication Systems, Design and Analysis of Algorithm, Structuring Machine Learning.