Abhishek Saxena

Software Development Engineer

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EXPERIENCE

Bajaj Finserv Health, Pune - **Jan, 2022 - PRESENT**

Software Development Engineer 2

- Ownership of frontend development and architectures like **ABHA, Health files, Vital Trends** and **Smart Reports**.
- Secured file caching on frontend to **reduce api calls of blob security, cost reduction and api failures by around 3 times**
- **Best Engineering Delivery team of month - Sept '23**
- Gmail file extraction with background sync using appropriate filters targeting health related files.
- Smart Reports Development and Ownership of health document's lab reports

Software Development Engineer 1

- **React Native version upgrade of app from 0.64 to 0.71, reducing bundle size & adapting new React Native architecture.**
- Redux migration to Redux Toolkit over the complete codebase and multiple squads
- ABHA journey phase 1 development and architecture revamp with phase 2 Ownership. **Helped us increase ABHA users to over 50k on HRX, provider files to 6800 from 400 on NDHM dashboard and monthly over 9000** from phase 2
- Health Files development and security architecture, **helped us collect more than 24 lakh documents under our blob**
- **Increased test code coverage from 0 to 85% for HealthVault department using Jest**
- **Hero of the quarter award for Q1 2023**

Intern

- Health Wordle web application to win first hackathon at Bajaj Health
- **Language localisation architecture and TranslateRX CLI** for language localisation over HRX app

Webknot pvt ltd, Remote - **Jan, 2021 - Mar, 2021**

Fullstack Intern

- Worked on 2 clients project from base to production, implemented MERN stack and AWS S3 for cloud services
- AWS EC2 for taking projects to production

SKILLS

Languages - C++, Javascript, Python, Kotlin

Frontend - React JS, React Native, Jest, Redux, Android Studio, CSS3, HTML

Backend - Node JS, MongoDB, Express.js, AWS S3, AWS EC2, Azure blob, RESTful, Postman

Projects

VPurify - git repo

- It's a web application where users can select sanitation slot for their vehicles and select a service station or door service, sanitation workers can update status of assigned vehicle sanitation and same will be reflected on vehicle's QR code
- Developed using MERN and hosted on AWS EC2, the code base was later provided to an IT company for making it production ready under a company's supervision, Sirf Taxi Pvt. Ltd.

CrossFarm - git repo

- CrossFarm is a React js web application which allows farmers to sell crops online to large scale vendors without government suppliers intervention. This had an OCR based image processing model on google colab to give price suggestions as per state and crop quality, having non-relational database over MongoDB hosted over Atlas

EDUCATION

SRM Institute of Science and Technology, Chennai - Btech

July, 2018 - May, 2022

Electronics and Communication (major degree) - 8.78 CGPA | Computer Science Engineering (minor degree programme) - 8.5 CGPA

ACHIEVEMENTS and COURSES

Hero of the quarter - Q1 2023

Smart India Hackathon Finalist - 2020

Global rank 1084 and college rank 3rd in CodeChef June Long challenge - 2021

AIR 3000 in Coding Ninjas DSA content - 2021

SRM Hackathon Winner - 2019

SIEMENS Make It Real Hackathon Winner - 2018

Data Structures and Algorithm course - Geeks for Geeks

Complete web development course - Udemy