Priyansh Garg

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EDUCATION

- **Indian Institue of Technology, Roorkee (IITR) (B.Tech Electrical Engg. 2018-2022)** — CGPA – 8.25
- **Springdales Children's School, Kota (12th CBSE)** — Percentage Marks – 94.6

SKILLS

Java, Springboot, NodeJS, TypeScript, React Native, ReactJS, C++, AWS, Data Structures, Algorithms, Jest, JUnit, Redux.js, SQL

EXPERIENCE

Kotak Mahindra Bank Ltd., Bangalore | SDE 1   March, 2023 – Present

- Contributed to eMBark initiative for mobile app with development in **Java Springboot** and **React Native**.
- Spearheaded the edit maturity instruction feature, which is already driving substantial value, contributing an estimated Rs **100 crore (~$12 million)** annually to the bank's revenue.
  - Clarified requirements with business stakeholders, designed the system and developed APIs with logic to handle complex scenarios with diverse regulatory requirements aligning with business use case.
  - Integrated multiple downstream dependencies, and Optimized the API. The strategy helped to reduce latency and improve response time of related APIs by **~90 ms** (**~22%**).
- Lead as Full Stack Developer in the design and development of nominee update feature for accounts and deposits.
  - Implemented **attribute-based access control** (account holding relation, status, type, scheme, etc).
  - Clarified business rules to validate nominee update, asynchronously send alerts and applicable forms on update.
- Led the **design and implementation** of debit card controls feature, enabling users to seamlessly manage transaction preferences and adjust transaction limits within specified ranges, currently handling **30K+ updates/month.**
  - Integrated downstream APIs for real-time updates and engineered a **backend driven logic to control dynamic UI rendering** for tailored transaction view basis card type.
  - Employed **custom hooks** for streamlined data handling, encompassing fetching, storage, and caching.
- Helped in devising a testing strategy for the central core components team. Initiated the first PR as a reference for other teams, ensuring consistent testing practices across the organization. Led **unit test** coverage for my team, rigorously reviewing and integrating PRs. Pioneered our team as the first to complete UTs module with **92% coverage**.
- **Integrated downstream APIs** such as beneficiary listing, beneficiary validation, city and state listing, etc to our service.
- Implemented standardized **clickstream** tagging procedures for module events, optimizing data tracking and analysis.
- Conducted **IRM approval** for softwares, created setup guide, mentored new joiners with project details and processes.

Amazon, Bangalore | SDE 1 (Backend)   July, 2022 – March, 2023

- Worked in a team following agile methods to serve as the source of truth for data identifying Private Brand ASINs.
- Designed and launched Defect Status Trail Store to increase traceability of the defects detected by existing workflow.
- Created **AWS** service for automating the ticket creation process using **NodeJS** to **reduce dev effort by 75%.**
  - Added support for fetching file from consumer's AWS account and attaching it to the ticket.
  - Took the ownership of software and carried out the **Anvil security certification** for the app.
- Analysed data on auto-resolved defects to implement alarms. Analysis provided in ticket reducing **resolution time by 50%.**
- Performed various tasks which added to the operational excellence of the team:
  - Contributed to creation of **AWS** resources through **CDK**, added unit tests in **Jest** with **100% line coverage**.
  - Actively participated in peer code reviews, on-call rotations, detecting and fixing bugs, maintaining pipelines.
  - Appreciated for preparing onboarding guide which helped new members of the team onboard seamlessly.

Frivet, Remote | Software Developer   February, 2022 – June, 2022

- Developed android application from scratch using **Flutter** and promotional website for the app launch using **Fullpage.js**
- API integrations were done to fetch data from the backend. fl chart library was used to implement charts.

INTERNSHIPS

Oracle Financial Software Services Ltd., Bangalore | Project Intern   June, 2021 – July, 2021

- Developed dynamic components for **VBCS**, which assists developers and **reduce the time taken in development by 60%.**
- Researched and Documented the process to build a VBCS App using Jenkins and deploy it to local server and Docker.

Flyzy, Remote | Software Development Intern   September, 2020 – November, 2020

- **Backend Developer** in **NodeJS**, developed APIs, integrated **Open Weather API**, **Gmail API** (access mails in company inbox).
- **Cron Scheduler** for sending updates about the flight and weather conditions to users using Firebase Cloud Messaging.

ACHIEVEMENTS

- Appreciated with "Kotak Business DNA" award for contributions to the mobile banking application.
- Secured AIR-1406 in JEE ADVANCED 2018 among more than 230,000 shortlisted candidates.
- Featured in Local Newspaper for creating a Covid Help website for our district.