

Rajan Kumar

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SKILLS

Technologies: Spring Boot, React, Databases (Cassandra, MongoDB, Postgres), Microservices, GraphQL

Programming Languages: Java, Javascript/Typescript, Python

Cloud: Google Cloud, Firebase, Cloud Functions

Tools: VSCode, Webstorm, IntelliJ Idea, Docker, JMeter

WORK EXPERIENCE

JPMorgan Chase

Dec 2024 - Present

SDE-3 (Fullstack) · Connected Banking, CCB

Bengaluru, India

- **Spending Planner:** Led end-to-end solutioning and delivery for the Merchant Budgets project, overseeing the development and comprehensive testing of robust backend microservices utilizing Java Spring Boot, Cassandra DB, and APIGEE gateway for seamless integration with multiple downstream services. Contributed towards development of UI for Spend & Save using Microfrontend architecture, leveraging an in-house framework built over Single SPA, React, React Query, GraphQL, and Module Federation for scalable microapps. Executed rigorous testing strategies, including JUnit, Cucumber, Wiremock, Jest, Cypress, and Selenium, ensuring high-quality and resilient software delivery.

Technologies Used: Java, Spring Boot, Cassandra DB, Microservices, APIGEE gateway, React, React Query, GraphQL, Module Federation, Microfrontends, JUnit, Cucumber, Wiremock, Jest, Cypress, Selenium

Bharti Airtel

Feb 2022 - Present

Senior Software Engineer · Airtel Black (Formerly Homes)

Bengaluru, India

- **Homes Platform:** Implemented key functionalities to optimize operations and expand product offerings, such as adding Product bundling controls, upgrading Key client communications etc. Delivered key platform migration for notification engine, empowering it with extended SMS capabilities through the integration of cloudhopper library, resulting in expanded communication capabilities.
- **Referral Platform:** Built & optimized a Thanks app referral platform UI, boosting lead creation through referral acquisition by more than 15% through data-driven strategies. Also developed a referral admin dashboard for support team issue resolution.
- **Airtel Black UI:** Worked collaboratively to development and delivery of critical Airtel Black UI features, empowering strategic growth initiatives through diverse client journeys on the platform. Contributed for automating UI tests with Selenium, ensuring quality and efficiency for regression tests.

Technologies Used: React(Preact), Next.js, redux, react-query, SCSS, Java, Spring Boot, MongoDB, Solace.

Dew Solutions

March 2020 - Feb 2022

Senior Software Engineer · ITradeNetwork

Gurugram, India

- **iTradeMarketplace:** Collaboratively built a B2B e-commerce marketplace utilizing technologies like Angular, Angular Material, and Google Maps, Amcharts etc. optimizing purchasing journeys for buyers and listing and tracking for sellers. Crafted meticulously designed and rigorously tested code, ensuring exceptional quality, reliability, and maintainability.

- **iTradeNetwork GPO & Reporting Dashboard:** Worked on progressive migration of a legacy dashboards to a modern, dynamic, and scalable Angular platform. Proactively identified and resolved performance bottlenecks using Google Lighthouse, Webpack Bundle Analyzer, and other diagnostic tools, resulting in significant page load speed improvements and enhanced user experiences.
- **iTNLibrary:** Actively contributed to enhance an in-house custom Angular library's capabilities, enabling increased adoption within a multi-client environment.

Technologies Used: Angular 8, Angular Material, Rxjs, NgRx, SCSS, Amcharts etc.

Publicis Sapient

April 2018 - March 2020

Associate (Software Engineer) · Cetera Client & Advisor Portal

Gurugram, India

- **Cetera Client & Advisor Portal:** Contributed towards development of advising platform for broker-dealers, seamlessly integrating diverse financial systems to empower advisors with a holistic view of clients and their portfolios. Crafted pixel-perfect, cross-browser compatible UI components from the ground up. Ensured seamless user experiences across diverse browsers and devices, and guaranteeing robustness through 100% functional test coverage.

Technologies Used: Angular 6, Angular Material, Rxjs, NgRx, SCSS, Amcharts etc.

EDUCATION

Birla Institute of Technology, Mesra

Aug 2013 - July 2017

Bachelor of Computer Science and Engineering; CGPA 7.7/10