

K P Rachan

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Summary

Highly skilled software engineer with **2+ years** of experience specializing in **ReactJS**, **NodeJS**, and **functional programming**. Proven ability to deliver efficient, well-documented code with a strong focus on performance and user experience. Adept at quickly adapting to new technologies and environments, with a track record **of improving system performance by up to 20%**.

Experience

Juspay Technologies | Bengaluru, Karnataka

Frontend Engineer | 05/2022 – Present

- Increased GMV potential from **1cr to 300cr** by boosting **payment efficiency by 20%** and **customer satisfaction by 15%** through developing a new Payment link/form feature.
- Refactored and optimized CSV validation for datasets over 100,000 rows, using asynchronous processes to reduce UI latency, enhancing **validation speed by 70%**.
- Streamlined financial operations with a user-friendly FinOps Dashboard for MSME sales, improving financial management.
- **Optimized financial operations by 10%** with dashboards for **AXIS Bank, HDFC, and PayPal**.
- Achieved a **15% increase in dashboard efficiency** by developing React and Rescript UI components, enhancing user experience.
- Developed and oversaw a **no-code digital payment platform for retailers**, enabling the creation of custom payment forms and links, streamlining the payment collection process, **and enhancing operational efficiency and user experience**.

Software Engineer Intern | 06/2021 – 05/2022

- Developed a payment application and **web interfaces for MSMEs** using functional programming, **enhancing reliability and robustness**.
- Contributed to the development of **Invoice Now for Xpedia**, ensuring successful project delivery and a more **efficient invoicing system**.
- Improved functionality and **resolved critical issues in the GemSahay project**, resulting in a more reliable system.
- **Streamlined sales processes** by designing a tailored dashboard for Juspay's Credit team.
- Improved loan process tracking with a **comprehensive loan management dashboard**.

Projects

PoseMate 🧘 Developed a Flutter application that provides posture correction guidance for users practicing yoga.

Portfolio 🌐 Designed and built a personal portfolio website utilizing modern frontend technologies.

Weekday Job Board clone 🌐 Created a job portal clone using ReactJS and other frontend technologies, replicating the functionality of a weekday job board.

Chatbot Flow builder 🌐 Engineered a chatbot flow builder leveraging advanced ReactJS concepts.

Skills

Frontend: ReactJS, HTML, CSS, Rescript, TypeScript, PureScript, Elm Architecture

Backend: NodeJS, Django

Languages: Python, C, R, Haskell, JavaScript

Tools: Basic SQL, AJAX, REST API

Other: Fast Learner Debugging

Education

Visvesvaraya Technological University

B.E in Computer Science | 06/2018 – 06/2022

Graduated with an overall CGPA of **8.9 CGPA**

Relevant coursework: Web Development, Advanced Algorithms, Functional Programming