Prince Chowdury

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Professional Summary

- Results-driven software engineer with expertise in full-stack web development. Skilled in HTML5, CSS, JavaScript, MongoDB, ExpressJS, ReactJS, NodeJS, NextJS, TypeScript, Ruby on Rails and Python. Proficient in Git, PostgreSQL, jQuery, Prisma, tRPC, and MySQL. Strong problem-solving and communication skills with a passion for delivering high quality software solutions.

Experience

Software Engineer   **Lief Organics**   Valencia, CA   **09/2021 - Present**

- **Reduced API latency by approximately 20%**, optimizing data retrieval and loading processes.
- **Developed enterprise-level microservice applications** using Azure functions, ReactJS, and Ruby on Rails.
- **Created responsive front-end features** such as styled nav bars, graphs, tables, charts and modals ReactJS, Tailwind, ChartJS, jQuery, and JavaScript.
- **Managed company database** using PostgreSQL and SQL Server workers and customer data tracking.
- **Designed and implemented an enterprise-level ticket system** improving customer feedback by 25%.
- **Improved application load time by 30%**, resulting in a 20% increase in user engagement.

Software Engineer   **MetaLab**   Northridge, CA   **05/2019 - 09/2021**

- **Designed and developed a customer transaction dashboard** using ReactJS, Redux, PostgreSQL, and jQuery resulting in a 10% increase in monthly revenue.
- **Conducted design and code reviews**, following the Agile software development life-cycle.
- **Integrated third-party systems and APIs**, such as stripe, to streamline the purchase flow for customers.
- Analyzed and improved efficiency, scalability, and stability of various built in systems.
- **Utilized TypeScript's strong static typing** and advanced tooling to enhance code quality, maintainability, and developer productivity in large-scale projects.

Software Engineer Intern   **Kyte Rental**   Northridge, CA   **05/2018 - 08/2018**

- **Implemented scalable APIs** profile monitoring, handling thousands of requests daily.
- **Developed user-friendly and responsive web application** components using React and TypeScript.
- **Maintained documentation** for the front-end codebase, ensuring code clarity and consistency.
- **Led end-to-end development** of multiple products, from requirements gathering to testing, debugging and monitoring of deployed applications and components.

Education

Bachelor of Science   **Cal State Northridge**   Northridge, CA   **08/2016 - 05/2022**

- Major in Computer Science

Courses

- Algorithms, Data Structures, Advanced Data Structures, Software Engineering, Human Computer Interaction, Web Development, Database Design, Operating Systems, System Security, Data Mining.