Jiss Joy

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Full-stack engineer with 3 years of experience building and maintaining high-performance web applications.

SKILLS

Programming Languages: Typescript, Ruby, Javascript, Python, HTML, CSS, Dart, Java
Frontend Development: Next.js, React, Tailwind, Redux, NextUI
Backend Development: Ruby on Rails, RESTful APIs, GraphQL, Prisma, Drizzle, RPC
DevOps: AWS, Docker, Sentry, CI/CD
Mobile Development: Flutter, Android
Tools: Github, Figma, Notion, Slack, Miro, NextAuth.js, Firebase

EXPERIENCE

Fullstack Software Engineer, Canbright Co. Ltd. – Osaka, JP   May 2022 – Present
- Increased user engagement by developing robust and performant frontend and backend features with Nextjs and Rails, resulting in greater system recognition and a more positive user experience
- Achieved a 56% increase in client base as measured by business growth metrics within one year, by renovating a core software component
- Accomplished a 40% reduction in application response time as measured by performance benchmarks, by refactoring existing code to address database performance bottlenecks
- Successfully built a custom e-commerce software solution that was confirmed with the client's requirements by carefully designing and implementing a tailored system
- Designed and implemented RESTful APIs and GraphQL queries to support front-end development and facilitate robust backend integration
- Led multiple successful releases, and gained experience in implementing CI/CD pipelines
- Collaborated with the team through technical discussions, pair programming, and collaborative coding sessions, to solve complex technical challenges and deliver high-quality code

Software Engineer Trainee, Canbright Co. Ltd. – Osaka, JP   Nov 2021 – May 2022
- Developed a full-stack, in-house scrum point estimation system, contributing to both core backend logic and API development, as well as the design and implementation of the frontend features

Android Developer Intern, Smartech Brain Technologies – Kerala, IN   July 2020 – Jan 2021
- Accomplished 3 Android e-commerce applications by designing, building, and deploying solutions with integrated Firebase products to enhance functionality and user experience

PROJECTS

Reservation Management System   2024
- Developed a queue-based reservation management system to reduce wait times for customers at salons, clinics and restaurants using Next.js, Figma, Shadcn, Drizzle and Supabase which was deployed on AWS
- Designed a robust database schema, enabling smooth development and future scalability

Forums Application   2020
- An intra-university forum and discussion platform for students to ask and answer questions, and engage in discussions across various categories

Bio-Mimicking Spider Robot   2019
- Led the development of a bio-mimicking, eight-legged spider robot for rough terrain navigation, focusing on the project's programming and control systems, with integrated surveillance capabilities
- Created the control algorithms for an eight-legged robot, enabling precise movements via servo motor actuation and a Raspberry Pi control system

EDUCATION

Bachelor of Technology in Computer Science Engineering – M.S. Ramaiah University of Applied Sciences   2021