Jiss Joy

jissjoy1@gmail.com | jissjoy.com | linkedin.com/in/jiss-joy

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

SKILLS

Programming Languages: Typescript, Ruby, Javascript, 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
- Accomplished enhanced team planning, more accurate estimations and streamlined workflows, by developing an in-house scrum point estimation system and designing a user-friendly frontend UI with Figma and React

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