

# 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, Python, Javascript, HTML, CSS, Dart, Java

**Frontend Development:** Next.js, React, Tailwind, Redux, Webpack, ChakraUI, Shadcn, Jest, Playwright

**Backend Development:** Ruby on Rails, Django, REST APIs, OOP, GraphQL, Prisma, Drizzle, RPC, Websockets

**Databases:** MySQL, PostgreSQL, Firebase Firestore, AWS DynamoDB, SQLite

**DevOps:** AWS (CloudWatch, EC2, ECS, S3, Lambda, ELB), Docker, Sentry, CI/CD

**Mobile Development:** Flutter, Android

**Tools:** Github, Figma, Notion, Slack, Miro, NextAuth.js, Firebase

## WORK EXPERIENCE

---

**Fullstack Software Engineer**, Canbright Co. Ltd. – Osaka, JP Nov 2021 – Present

- Increased user engagement by developing robust and performant frontend and backend features, 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
- 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
- Experience working in a team applying the Agile methodology for efficient project management

**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
- 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