

SAIFUL ISLAM RIFAT

SOFTWARE ENGINEER

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CAREER OBJECTIVE

Seeking challenging work opportunities that allow me to continue learning and developing as a computer scientist alongside a team of some of the best professionals in the field.

SKILLS

Languages: C/C++, Python, JavaScript, TypeScript, SQL

Technologies & Tools: Next JS, React JS, Express JS, NodeJS, GraphQL, trpc, Prisma, PostgreSQL, MySQL, MongoDB, Mongoose, Next-Auth, Firebase, React Hooks, Cypress, Tailwind, Docker

WORK EXPERIENCE

Ninja Digital Innovation Ltd (A Subsidiary of Brandcloud Inc, Japan)

May 2023 - Present

MoeGuide

Developed a platform targeted at Chinese tourists visiting Japan, enabling them to hire individuals in traditional Japanese costumes for events, photoshoots, and cultural experiences.

- Applied Atomic Design methodology to structure the NextJS application, ensuring scalability and maintainable component architecture.
- Built and deployed robust APIs using trpc, a framework for seamlessly creating type-safe RPC (Remote Procedure Call) endpoints.
- Successfully implemented next-auth, an authentication library for NextJS applications, to handle user authentication and authorization.
- Effectively managed and interacted with a PostgreSQL database for data persistence.
- Utilized Prisma, an object-relational mapper (ORM), to streamline and optimize interactions with the PostgreSQL database.
- **Project tools:** NextJs, Next-auth, trpc, prisma, PostgreSQL, Firebase, vercel, AWS, Docker
- **Link:** <https://moeguide-app.vercel.app/>

BrandCloud Report tool Project

Contributed to developing an internal reporting tool to improve the company's operational efficiency.

- Designed and built the front end of this web application using NextJS, leveraging an Atomic component structure for scalability and maintainability.
- Utilized GraphQL for efficient data fetching and manipulation within the NextJS framework.
- Implemented Prisma for seamless interaction with the PostgreSQL database.
- Effectively managed and interacted with a PostgreSQL database for data persistence.
- Conducted comprehensive E2E testing with Cypress to ensure application functionality and stability.
- **Project tools:** NextJs, Next-auth, GraphQL, Prisma, PostgreSQL, Firebase, Cypress, AWS, Docker

Raggie

Developed an AI-powered application leveraging the ChatGPT model and API to create a Retrieval-Augmented Generation (RAG) system.

- Designed and implemented functionality allowing users to upload files and query the AI, providing answers based on the uploaded content.
- Focused on user experience by implementing a responsive and intuitive interface, ensuring accessibility and engagement.
- Implemented Prisma for seamless interaction with the PostgreSQL database.
- Managed and maintained a PostgreSQL database to ensure reliable data storage and retrieval
- **Project tools:** NextJs, Next-auth, prisma, PostgreSQL, AWS, Docker, nodemailer, S3
- **Link:** <https://dev.knowledgelinks.ai/>

Suirikyoku

Developed a full-stack certification platform for the Japan Water Facilities Environmental Hygiene Association, enabling vendors to register, log in, take online exams, and obtain a Facility Hygiene Management Compliance Certificate.

- Built a responsive front-end using Next.js and Tailwind CSS, ensuring an intuitive and accessible user interface.
- Integrated NextAuth.js with Prisma Adapter to provide secure user authentication and role-based access control. Implemented Prisma for seamless interaction with the PostgreSQL database.
- Implemented interactive exam forms with React Hook Form and Zod, supporting real-time validation and smooth user interactions.
- Utilized Prisma ORM with PostgreSQL for efficient and type-safe data management.
- Enabled QR code-based certificate verification and CSV parsing using qrcode and papaparse.
- Used MicroCMS to manage dynamic content such as announcements, guidelines, and exam instructions, allowing non-technical users to make updates easily.
- **Project tools:** Next.js, Next-auth, Prisma, PostgreSQL, MicroCMS, Tailwind CSS, Stripe, AWS, Zod, React Hook Form, qrcode,
- **Link:** <https://suirikyoku.vercel.app/>

Redox Digital Solution

Jan 2023 - Apr 2023

- Transformed Figma designs into pixel-perfect React Component, ensuring accurate visual representation and cross-browser compatibility.
- Designed and developed WordPress themes using Elementor, creating visually appealing and functional websites tailored to client specifications.
- Meticulously converted Figma designs into WordPress websites, ensuring seamless integration with the CMS platform and responsiveness across devices.

EDUCATION

Jul 2018 - Aug 2023

BSc in Computer Science & Engineering

United International University

- **Relevant Courses:**
 - Database management systems
 - System Analysis and Design
 - Object oriented Programming
- **Thesis on "Spam Email Detection".**
 - Technology & Algorithms Used : Python, scikit-learn, NLP, SVM, TF-IDF, KAGGLE, NAIVE BAYES

ADDITIONAL INFORMATION

- **Soft Skills:** Public Speaking, Conflict resolution, Adaptability
- **Certifications:** Search Engine optimization Course By BASIS Institute of Technology & Management