

Saikat Dey

SOFTWARE ENGINEER

(+91) 89813 80649

dsaikat378@gmail.com

[LinkedIn/iamsaikat](https://www.linkedin.com/in/iamsaikat)

[GitHub/deysaikat04](https://github.com/deysaikat04)

Howrah, West Bengal, India

Full stack engineer with 4 years of experience, proficient in a diverse technology stack including React JS, Redux, Node JS, Express JS, Nest JS, MySQL, MongoDB, and more. Experienced with all stages of the development cycle of several projects. Strong background in leadership with excellent interpersonal and motivational abilities to develop collaborative relationships among high-functioning teams. Exceptional problem solver with an aptitude for troubleshooting and the ability to quickly master new skill, technology or role.

SKILLS

LANGUAGES: JavaScript (ES6), TypeScript, Python

FRONTEND LIBRARIES & FRAMEWORKS: ReactJS, Next.js, Redux, Redux Toolkit, React Query

BACKEND LIBRARIES & FRAMEWORKS: NodeJS, ExpressJS, NestJS, Prisma, Sequelize, Mongoose

DATABASES: MySQL, MongoDB, PostgreSQL, Firebase

TESTING: Jest, Enzyme, Sinon

TOOLING: Webpack, Figma, GIT, NPM, YARN

CLOUD: GCP, Microsoft Azure

DEVELOPMENT PROCESS: Agile

MISCELLANEOUS: HTML, CSS, SASS, Bootstrap, Tailwind CSS, Material UI, jQuery, Web Securities, HubSpot

EXPERIENCES

PropertyLoop

January 2022 – Present

Real estate platform for seamless lettings and sales

◆ Development Team Lead

TECH STACK: ReactJS, TypeScript, NestJS, ExpressJS, Prisma, Firebase, MySQL, MS Azure, Figma, HubSpot, jQuery

- Successfully designed and implemented a robust Role Based Access Control (RBAC) system across all organizational products, leading to a significant 24% improvement in security measures and enhanced user accessibility
- Implemented a scalable API for property performance analysis, providing landlords with valuable insights into their properties
- Leading an end-to-end project at PropertyLoop, expanding platform capabilities by introducing a dynamic property listing feature for property sales
- Led the planning, design, and development of a responsive internal dashboard, empowering over 1,000+ monthly active agents to efficiently track and manage their leads and properties
- Proactively engage in agile development processes, providing valuable insights, and actively contributing to sprint planning, stand-ups, and retrospectives

◆ Full Stack Developer

TECH STACK: ReactJS, TypeScript, ExpressJS, Firebase, MySQL, MS Azure, React Query, SASS, Figma

- Designed and implemented a scalable and efficient RESTful API using NestJS and Prisma ORM for the backend, seamlessly integrating it with Azure functions to enhance property reach and significantly increase lead generation
- Implemented Single Sign-On (SSO) to simplify the sign-up process, resulting in a 10% increase in user registration
- Utilized modern design patterns, including Higher-Order Components (HOCs), render props, code splitting, custom hooks, and memoization in ReactJS, resulting in significant performance improvements and application optimization
- Suggested UI/UX modifications to business and implemented responsive and intuitive user interfaces that helped in user efficiency in the product dashboard

Insurance and Ecommerce platform

◆ **Systems Engineer**

TECH STACK: ReactJS, Redux, NodeJS, ExpressJS, MySQL, CSS, Figma

- Took ownership and developed a responsive and optimized SPA in React by collaborating with business and UX teams for intuitive design that helped users to move from MS Excel to a web application
- Optimized queries resulting in a substantial improvement in API response time by 6%, enhancing the overall system performance
- Collaborated with a cross-functional team to contribute to system architecture and prototype development, playing a key role in validating concepts and demonstrating feasibility for future implementation
- Significantly enhanced unit test coverage from 60% to 90% for a complex application, ensuring robustness and minimizing potential bugs in both the frontend (React) and backend (Express) components
- Improved code quality of the existing codebase by 30% through effective utilization of SonarQube, ensuring cleaner and more maintainable code

◆ **Systems Engineer Trainee**

TECH STACK: ReactJS, Redux, NodeJS, ExpressJS, MongoDB, CSS3, HTML5, AJAX

- Designed and developed a robust eCommerce application utilizing RESTful web services and the MERN stack technologies
- Implemented comprehensive unit testing for both the frontend and backend components, ensuring the application's stability and reliability

ACHIEVEMENTS

- Promoted to Team Lead at PropertyLoop within six months of joining, in recognition of outstanding performance and leadership abilities
- Received a commendation from onsite clients at Infosys for successfully developing and delivering a highly anticipated application from scratch
- Achieved an impressive score of around 84% and secured the prestigious HPF tag in Infosys Training

EDUCATION

Heritage Institute of Technology

August 2016 – July 2019

Bachelor of Technology (B. Tech)— Computer Science and Engineering

- Achieved Bachelor's degree with 8.03 DGPA