

Sandipan Kalita

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Full stack software engineer with microservices, cloud, and DevOps skills. Passionate about building innovative and scalable software solutions that meet the needs of users and businesses.

WORK EXPERIENCE

Cognizant

Pune, India

Software Engineer - FSE

Jan 2023 – Present

- Enabled horizontal scaling for microservices by addressing scalability challenges, in services with a message broker and schedulers resulting in uninterrupted performance and zero downtime.
- Implemented page memory functionality to ensure seamless navigation and preservation of component state during page transitions.
- Enhanced customer satisfaction by implementing responsive input fields for iPad users.
- Led biweekly meetings with trainees to align project objectives, delegate tasks, and provide technical support.

Cognizant

Pune, India

Jr Software Engineer

Dec 2021 – Dec 2022

- Optimized message delivery time between microservices by implementing ActiveMQ messaging system, reducing the average delivery time from 500ms to 375ms.
- Achieved Digital Honour's FSE1 Certification (Oct 2022) with a higher remuneration for competence.
- Enhanced application security by implementing network policies to restrict traffic to Openshift pods and integrated GitLab scanners for automated vulnerability detection in the CI/CD pipeline.
- Recognized with the Cheers Award for critical role in seamless migration from OpenShift 3 to 4, enabling improved security, scalability, performance, and support for new functionalities.

Cognizant

Pune, India

Programmer Analyst Trainee

Dec 2020 – Dec 2021

- Developed RESTful APIs using Spring Boot, Node.js and Express.js, implementing authentication and authorization mechanisms with JWT tokens.
- Participation in production deployment, merging, and bug resolution.

PROJECTS

Socio: web application | [GitHub](#)

- A Personal project to create a fully responsive social media platform, where user can create profile, add post, like, add friend, interact with other user's profile and posts, dark mode, authentication, secure paths.
- Technologies - React.js, Node.js, Redux toolkit, MongoDB, Material UI, JWT token.

SKILLS

Familiar Programming Languages: Java, JavaScript, TypeScript

Familiar Databases: MySQL, MongoDB

Operating Systems: Windows, Linux

Web Development: HTML, CSS, React.js, Angular, Sass, Bootstrap, Tailwind CSS

Backend Frameworks: Node.js, Express.js, Spring Boot

DevOps: Git, GitLab CI/CD, MTR, JFrog, Docker, Kubernetes, OpenShift

Others: Microservices, Firebase, ActiveMQ Artemis

Languages: English (Professional Working Proficiency), Hindi (Professional Working Proficiency), Assamese (Limited Working Proficiency)

EDUCATION

Central Institute of Technology, Kokrajhar

Kokrajhar, India

B.Tech in Computer Science and Engineering; CGPA: 7.99/10

July 2016 – Aug 2020