

# Sourodip Kundu

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## PROFILE

Results-driven Senior Software Engineer with almost 3 years of expertise in developing scalable APIs and dynamic front-end applications using modern technologies like Node.js, React, TypeScript, and JavaScript. Recognized for exceptional contributions with multiple team and individual awards, including the *Top Talent Award*. Proven ability to deliver impactful solutions, foster innovation, and excel in dynamic, collaborative environments. Skilled in problem-solving and creating user-focused applications.

## SKILLS & INTERESTS

**Core Development** : JavaScript, TypeScript, Java, React.js, Node.js, Express.js, MongoDB, REST APIs, LDAP, ISIM

**Tools & Platforms** : AWS (Lambda, DynamoDB, API Gateway, CloudWatch), Git/GitLab, Postman, PuTTY, WinSCP

**Collaboration & Methodologies** : Agile Development, Jira, Debugging, Unit Testing

## WORK EXPERIENCE

### Persistent Systems

Kolkata, West Bengal

Senior Software Engineer

Jun 2024 - Present

**Project:** IBM Product Engineering

**Client:** IBM

Developed advanced features and modernized user interfaces for IBM Security Identity Manager (ISIM), enhancing access control and identity governance.

- Designed and implemented the "Access Risk Control" feature, enabling real-time risk identification and mitigation, and streamlining security management processes.
- Built interactive dashboards using React and TypeScript, integrating APIs to provide actionable risk analytics and improve identity governance.
- Transitioned legacy UI workflows to a React-based architecture with IBM Carbon Design System, delivering responsive, accessible, and WCAG-compliant components.

Software Engineer

Pune, Maharashtra

**Project:** Global Identity Access Management (GIAM)

Jun 2022 - May 2024

**Client:** Yum Brands, Inc. (KFC, Pizza Hut, Taco Bell)

The GIAM project streamlines identity and access management for Yum Brands across the US and international markets.

- Migrated legacy Java-based business logic to a serverless AWS architecture, improving scalability and reducing maintenance efforts.
- Developed APIs in Node.js and TypeScript for user and restaurant management, onboarding, reporting, and dashboards, ensuring seamless global operations.
- Implemented AWS services like Lambda, API Gateway, and CloudWatch, delivering a secure and reliable infrastructure that boosted system uptime.
- Designed auditing functionalities using DynamoDB to enable comprehensive tracking and ensure compliance across all user activities.

## PROJECTS

### Ecommerce API - [Link](#)

Developed a secure, scalable e-commerce API with JWT-based authentication, product CRUD operations, and order management. Integrated security features like Helmet and rate-limiting to ensure protection and efficient performance.

### Jobs API - [Link](#)

Built a job management backend with JWT authentication, supporting job CRUD operations, filtering, sorting, and pagination. Ensured secure data handling and React frontend integration.

## EDUCATION

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University of Calcutta

**Kolkata, West Bengal**

*Bachelor of Technology in Computer Science and Engineering. CGPA - 8.2*

*Graduation Date: May 2022*

University of Calcutta

**Kolkata, West Bengal**

*Bachelor of Science in Computer Science(Honours). Grade - First Class*

*Graduation Date: Jun 2019*

## ACHIEVEMENTS

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- **Top Talent 2024** - Persistent Systems, 2024
- **Bravo - Individual Awards** - Persistent Systems, 2023
- **Bravo - Team Awards** - Persistent Systems, 2023
- **Microsoft AZ-900** Certification