

# Aditya Sinha

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## EDUCATION

### Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science, CGPA - 9.20/10

Bhubaneswar, OR

June. 2019 – Jul. 2023

## EXPERIENCE

### Software Development Engineer - 1

MoveInSync Technology Solutions

Aug. 2023 – Present

Bengaluru, KA

- Led the end-to-end development of high-performance, modular frontend applications across core business verticals such as **Shuttle**, **Rentlz (Cab On Demand)**, **Billing**, and **Live Tracking**, directly supporting operations for over **500,000 employees** from **70+ Fortune 500 companies**.
- Built multiple reusable components and business-critical modules from scratch, streamlining workflows and significantly reducing engineering overhead across teams. These initiatives played a vital role in scaling services and enhancing user experience.
- Migrated multiple **legacy JSP modules** to modern frameworks like **Angular** and **React**, leveraging **lazy loading**, **onPush change detection**, and **tree-shaking** to improve application performance, reduce bundle sizes, and enhance maintainability.
- Implemented **Webpack Module Federation** to enable a micro-frontend architecture across modules, facilitating independent deployments, runtime sharing of components, and reduced inter-team coupling.
- Integrated advanced frontend practices including **debouncing**, **RxJS observables**, and **memoization** to optimize performance and state handling, contributing to a **50% improvement in load times**.
- Collaborated with cross-functional teams to define API contracts, optimize UX, and ensure adherence to accessibility and internationalization standards.
- Tech Stack:** JavaScript, TypeScript, Angular, React, JSP, Webpack Module Federation, RxJS

### Software Engineering Intern

McKinsey & Company

Jan. 2023 – Jul. 2023

Bengaluru, KA

- Developed and enhanced multiple internal assets and productivity plugins used by consultants globally, improving workflow automation and operational efficiency across teams.
- Engineered high-performance, modular frontend components using **React** and **TypeScript**, applying techniques like **lazy loading**, **custom hooks**, and **dynamic rendering** for a seamless and responsive user experience.
- Implemented scalable backend services using **Node.js** and **Sequelize ORM**, incorporating **RESTful APIs**, **middleware layers**, and secure authentication mechanisms.
- Followed industry best practices including clean code principles, reusable architecture, containerized development with **Docker**, and robust unit testing to ensure high code quality and maintainability.
- Collaborated in a cross-functional team environment, participating in code reviews, agile ceremonies, and iterative development cycles to deliver full-stack solutions from concept to deployment.

## PROJECTS

### Intra-Firm Social Media App | React, Express, PostgreSQL, Git, Tailwind, Figma

Feb. 2023 – Apr. 2023

- Built a role-based internal social platform with user authentication, post feeds, and announcements.
- Developed a responsive UI using **React.js** and built RESTful APIs with **Express**.
- Integrated **debounced search**, follow-suggestion logic, and real-time announcement modules.
- Stored user-generated content in **AWS S3** and handled async tasks via **Redis** queues.

### BitPe | React.js, Solidity, Git, Tailwind

May 2022 – June 2022

- Built a decentralized Web3 payment app enabling global crypto transfers via the Ethereum network.
- Wrote and deployed **Solidity smart contracts** to handle secure on-chain transactions.
- Enhanced UX by linking **GIFs** to each transaction using a public Fetch API integration.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, C/C++, SQL, HTML, CSS, LaTeX

**Frameworks/Libraries:** React, Angular, Node.js, Express, Tailwind, Material-UI, Jest, Joi, Sequelize ORM, Facets

**Developer Tools:** Git, GitHub, Bitbucket, Docker, VS Code, Postman, Jenkins, Jira, Figma, Redis, AWS (S3)