

NIYALI MUKHERJEE

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EDUCATION

Masai School, Bangalore
Software Development

Jan 2025 – Present

Institute of Engineering and Management, Kolkata
B.Tech in Electronics and Communication

Aug 2019 – May 2023
CGPA: 9.02/10

SKILLS

Languages: C++, JavaScript, HTML5, CSS3, TypeScript
Frameworks: React.js, Node.js, Next.js, Express, Angular, Redux Toolkit
Databases & Tech: MySQL, Oracle, MongoDB, Microservices
Tools: Git, Postman, AWS, Azure, VS Code, Docker, Agile, CI/CD

EXPERIENCE

Associate Software Engineer
Accenture, Kolkata

Jul 2023 – Present

- **Led end-to-end development** of an internal dashboard with React.js, coordinating with **3 stakeholder teams** and improving data visualization for **500+ employees**
- **Spearheaded component library initiative**, creating **25+ reusable React components** and mentoring **5+ junior developers**, reducing development time by **30%** across **8+ projects**
- **Owned API integration project** for real-time trading platform, managing **12+ RESTful APIs** and collaborating with backend teams to cut latency by **200ms** and enhance responsiveness by **15%**
- **Took ownership** of state management architecture using **Redux and Context API** for e-commerce platform, leading technical decisions for **10K+ daily users** and achieving **99.5% uptime**
- Received **Sakura Ninsikhi Award** for Best Junior Employee among **50+ junior developers** and leadership potential

Software Developer Intern
Caravel Labs (Remote)

Jul 2022 – Aug 2022

- **Architected full-stack** Next.js + TypeScript app in **8 weeks**, managing project timeline and increasing farmer profits by **30%** while saving **\$50K annually**
- **Took ownership** of supply chain optimization, coordinating with logistics team to improve efficiency by **20%** and reduce delivery times across **50+ food units** serving **2000+ customers**
- **Managed stakeholder communications** and contributed to platform strategy, achieving **85% conversion rate** from initial users to paid customers within **Q3 2022**
- **Designed and owned** scalable backend with **Azure Cosmos DB** handling **10K+ transactions/day**, leading UI/UX decisions with **Material UI** and improving user satisfaction scores by **40%**

PROJECTS

Social Network App (Ping-Ping)

[Live](#) — [GitHub](#)

- **Delivered complete full-stack** social media app, managing project roadmap and building feeds, stories, and connections for **100+ test users**
- **Led technical architecture decisions** for user authentication with Clerk, establishing real-time interactions with **500ms response time**
- **Took responsibility** for scalable backend design with Express.js and MongoDB Atlas, handling **1K+ concurrent requests** and **5GB+ data storage**
- **Skills:** React.js, Node.js, Express.js, MongoDB, Clerk, Tailwind CSS, Lucide-react

CERTIFICATIONS

- Foundations of UX Design – Coursera- [Certificate Link](#)
- Data Science for Engineers – NPTEL-[Certificate Link](#)