

# Balram Panigrahi

panigrahibalram16@gmail.com | +91 8484965844 | LinkedIn | GitHub | Portfolio

## Education

**Lokmanya Tilak College of Engineering**

2022–Present

B.E. in Computer Engineering

## Skills

**Frontend:** HTML, CSS, React.js, Next.js, React Native, TailwindCSS, Redux Toolkit

**Backend:** SQL, MongoDB, Express.js, Firebase, TRPC, WebSockets, API Design

**Blockchain:** Solidity, Truffle, Hardhat, Ganache, Web3.js, Chainlink, IPFS

**Languages:** C, Java, Python, JavaScript, TypeScript, Rust

**AI/ML Tools:** TensorFlow, Labelling

## Professional Experience

**React Intern**

Jun 2025–Present

Digital Crown LLP Solutions, Navi Mumbai (Hybrid)

- Designed scalable React applications for the client's enterprise project.
- Building 15+ modular components with state management and API integration.
- Building performance improvements, reducing load time by 25 percent and ensuring stable production.

**Full Stack Intern**

Jun 2024–Aug 2024

CheckExplore Technologies, Navi Mumbai (On-Site)

- Designed and developed 10+ dynamic app screens with responsive UI and reusable components, improving user experience for nearly 1000 daily users..
- Created and implemented an Angular application managing 5+ complex workflows with API integrations for enterprise use.
- Collaborated with the AI team, integrating AI features and gaining practical insights into 3 machine learning models.

## Projects

**Farm-Assure: Blockchain Agriculture Platform**

Live | GitHub

- **Tech Stack:** Solidity, React.js, Web3.js, Ganache, Truffle, IPFS
- Decentralized marketplace for transparent farmer–buyer transactions.
- Smart contracts for crop listing, purchase, dispute resolution with AI insights.
- Dashboard for real-time crop and transaction tracking.

**Crowd Detector: Smart AI Crowd Tracking**

GitHub

- **Tech Stack:** React Native, Node.js, Express.js, MongoDB, Firebase, WebSockets
- Real-time crowd updates to help users avoid congestion.
- Live traffic monitor and emergency service integration for safety.

## Certifications

**Oracle OCI Generative AI Certification**

Covered LLM fundamentals, OCI Generative AI Service, and RAG-based chatbot development with LangChain.

**IBM SkillsBuild Internship Program with CSRBOX**

Internship in Data Analytics – analyzed datasets and built insights.

**Neo4j Certified Professional**

Certified expertise in graph databases and Cypher queries.