Anshu Manoj Mahto

B.Tech in Computer Science and Engineering
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🌐 Portfolio

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech CSE	NIT Patna	9.17 CGPA	2023–Present
Senior Secondary	Maharashtra Board	78%	2023
Secondary	CBSE	96%	2021

EXPERIENCE

- **NPTEL Winter Internship (MERN Stack)** — *Jan 2026 – Mar 2026*
  Full Stack Developer Intern — Virtual
  ◦ Selected in the **top 1% nationwide**; collaborated with **50+ developers** across distributed teams, demonstrating leadership and mentoring capabilities.
  ◦ Architected and integrated full-stack modules using **MongoDB, Express.js, React, and Node.js**.
  ◦ Optimized RESTful APIs through advanced query tuning, improving response times by **18%**.
  ◦ Established secure authentication flows and CI/CD pipelines, ensuring a scalable and maintainable codebase.

PROJECTS

- **Makeeasy – Full Stack Food Ordering App (Self Startup)** — *Nov 2024*
  React Native (Expo), Supabase, PostgreSQL, Razorpay, Expo Router [🔗]
  ◦ Built a full-stack mobile application handling **1000+ products** and **500+ daily orders**, enhancing operational efficiency.
  ◦ Developed a responsive UI utilizing reusable components and context-based state management.
  ◦ Configured a Supabase backend with authentication, a role-based admin panel, and real-time order tracking for **100+ users**.
  ◦ Integrated Razorpay for secure payments (**1000+ transactions**) and accelerated image delivery via the Supabase CDN (**30% faster load times**).

- **Scalable Content Management System (Blog App)** — *Aug 2024*
  React.js, Appwrite (BaaS), Tailwind CSS [🔗]
  ◦ Engineered a multi-user blogging platform featuring **RBAC and JWT-based authentication**.
  ◦ Constructed optimized CRUD REST APIs, minimizing backend call redundancy and lowering server load.
  ◦ Enhanced frontend performance to achieve a **95+ Lighthouse score** using lazy loading and caching strategies.

- **AI-Powered Multi-Disease Predictor** — *Jan 2025*
  Python, Streamlit, Scikit-learn, Flask [🔗]
  ◦ Created a multi-disease prediction system (Diabetes, Heart Disease, Parkinson's) achieving over **85% validation accuracy**.
  ◦ Authored an end-to-end ML pipeline encompassing data preprocessing, feature engineering, model training, and evaluation.
  ◦ Deployed an interactive Streamlit web application and Flask REST API to facilitate **real-time predictions**.

SKILLS

- **Languages** Java, C++, Python, JavaScript, SQL
- **Frontend** React.js, React Native, Redux, Tailwind CSS
- **Backend** Node.js, Express.js, Spring Boot, REST APIs
- **Databases** MySQL, PostgreSQL, MongoDB
- **Tools/DevOps** Git, Docker, CI/CD, GitHub Actions
- **Core CS** DSA, OOP, DBMS, OS, System Design
- **AI/ML** Scikit-learn, Pandas, NumPy

ACHIEVEMENTS

NPTEL Elite+Silver (Top 5%): Joy of Computing using Python (Score: 85%). [Certificate]
Competitive Programming: Solved **1000+ DSA problems** across LeetCode, Codeforces, and CodeChef.
Smart India Hackathon 2023: Internal Finalist – Developed a logistics optimization solution for Indian Railways.