

# ROBIN RAJ

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## Education

**Motilal Nehru National Institute of Technology**

*B.Tech - Computer Science and Engineering (CPI - 7.6)*

**July 2019 – May 2023**

*Allahabad, UP*

## Technical Skills

**Languages:** C++, Java, Python, JavaScript, SQL

**Web Stack:** HTML5, CSS3, React.js, Redux, Tailwind CSS, Bootstrap, Node.js, Express.js, MongoDB, Next.js

**Technologies/Frameworks:** Git, GitHub, Linux, AWS Cloud, VS Code, IntelliJ, PyCharm, Spring Boot, Microservices

**Methodologies:** Agile, RESTful API Design, TDD, CI/CD, API Integration, Responsive Design

**Core CS:** Data Structures Algorithms, OOPs, DBMS, OS, CN, Distributed Systems, System Design

**Soft Skills:** Problem Solving, Team Collaboration, Time Management, Multitasking

## Experience

**Innomatics Research Labs**

**Sep 2024 – Dec 2024**

*Software Engineer Intern*

*Hyderabad, Telangana*

- Contributed to all phases of Agile SDLC including design, development, testing, and deployment. Built and deployed scalable full-stack applications using MERN stack
- Designed and integrated RESTful APIs with frontend using Redux and Axios. Implemented JWT-based authentication and authorization using Passport.js.
- Collaborated with cross-functional teams, conducted code reviews, and participated in daily stand-ups. Utilized MongoDB Atlas and deployed apps on Heroku with Git for version control.

## Projects

**MERN Stack E-Commerce** | *MongoDB, Express.js, React, Redux, Node.js*



- Developed a scalable e-commerce platform with authentication, product management, and secure payments. I have used React for the frontend and Redux for state management, Node JS and Express for the backend and MongoDB as the database.

**CBI Banking Application** | *MongoDB atlas, React, Next.js, Express.js, jwt Token, Redux JS, context API*



- In this Banking Application how to build and deploy Full stack Application using MERN Stack , instead of using React JS we will use Next js with latest version 15. we implement authentication using jwt token , how banks work , how transaction flow, How to create virtual ATM Card , atm pins, how bank pay interest on FD, how to create account with saving and current , how to set account limit and more.

**Student Management Portal using React** | *React, Bootstrap, Context API, Redux Toolkit, HTML5, CSS3*



- Designed and built a responsive multi-page UI for managing student CRUD data operations.
- The Portal has multiple pages for registering new students, listing all students, viewing detailed information, editing existing records, and deleting students.

**AI PDF Chatbot & Agent** | *typescript, ai, nextjs, chatbot, openai, agents, langchain, langgraph*



- This monorepo is a customizable template example of an AI chatbot agent that "ingests" PDF documents, stores embeddings in a vector database (Supabase), and then answers user queries using OpenAI (or another LLM provider) utilising LangChain and LangGraph as orchestration frameworks.
- This template is also an accompanying example to the book Learning LangChain (O'Reilly): Building AI and LLM applications with LangChain and LangGraph.

## Certifications

**Generative AI** : by [Microsoft & LinkedIn](#)

**Oracle SQL** : by [HackerRank](#)

**AWS Cloud** : by [Amazon Web Services](#)

**Software Engineer Intern** : by [HackerRank](#)

**React** : by [HackerRank](#)

**AI Tools and ChatGPT** : by [be10X](#)

**Problem Solving** : by [HackerRank](#)

## Achievements

- Solved **1300+** coding problems on various platforms like **Leetcode, GFG, HackerRank**
- Secured Rank **741** in **Geekster Coding Challenge**
- Secured Rank **3853** in **Google Hashcode**