RAJ PATEL

Roll No.:2411MC10
Master of Technology
Mathematics and Computing
Indian Institute Of Technology, Patna

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (MnC)	Indian Institute of Technology, Patna	87%	2024-Present
B.Tech. (CSE)	Central University of Haryana, Haryana	80.05%	2018-2022
Senior Secondary	UP Board	82.6%	2017
Secondary	UP Board	89.5%	2015

EXPERIENCE

- **Sopra Steria**   *July 2022 - July 2024*
  Software Engineer   Noida
  – Worked for the ISOCEL tech team for B2B application named Alice.com owned by the French e-commerce company E.Leclerc.
  – Developed and managed RESTful APIs for application modules like commerce, billing, taxes, stocks, and inventory, including handling Exchange and Batch processes for scheduled actions and events.
  – Implemented a Domain Driven Design (DDD) architecture using Java Spring Boot and collaborated with Database and Production teams to create micro DB dumps, manage environments, and deliver new requirements and hotfixes within sprints.
  – **Tools & technologies used**: Java, JavaScript, HTML, CSS, ReactJS, SpringBoot, Hibernate, Git, Gitlab, Maven, JUnit, PostgreSQL, Postman, IntelliJ IDEA and VS Code.

PROJECTS

- **Samvaad - AI Chatbot using LLM and RAG**
  AI chatbot using open-source LLMs to retrieve informations from documents using Retrieval-Augmented Generation (RAG).
  – **Tools & technologies used**: Python, LangChain, FastAPI, OpenAI GPT, Pinecone vector db, Hugging Face Models
  – Source Code, Github

- **Codewithraj - Personal Portfolio**
  Website to showcase my skills, projects and works and to write blogs.
  – **Tools & technologies used**: HTML, CSS, JavaScript, ReactJS, Framer Motion, Git, Github CI/CD Pipeline.
  – Website Live Url

KEY COURSES TAKEN

- Data Structures, Algorithms, DBMS, Operating System, Software Engineering and Large Language Models.

TECHNICAL SKILLS

- **Programming:** C++, Java, Python, SQL
- **Tools & OS:** Git, Docker, Linux
- **Libraries/Frameworks:** ReactJS, Bootstrap, Framer Motion, PyTorch, Hugging Face Transformers, FAISS
- **API & Backend:** REST API, SpringBoot, Hibernate, Maven, JUnit

POSITIONS OF RESPONSIBILITY

- **Assistant Coordinator,** Training & Placement Cell, IIT Patna   *April 2025 - Present*
- **Coordinator of Volunteers,** Inter IIT Cult Meet 7.0 organised by IIT Patna.   *Dec 2024 — Dec 2024*
- **Technical Team Lead,** International Conference on Industrial Trends in Computing (CITC). *Nov 2019 — Nov 2019*
- **Founder and Mentor,** Bytecode Learners - official coding club of CUH.   *Nov 2018 — June 2022*

ACHIEVEMENTS

- **Graduate Aptitude Test in Engineering (GATE)** Qualified in Computer Science with 96.7 percentile.   *2024*
- **Knight in Leetcode** with 600+ problems solved, Username - rajpatel2619
- **3 star in Codechef** max rating : 1737, Username - rajpatel2619
- **Pupil in Codeforces** max rating : 1208, Username - rajpatel2619

CERTIFICATIONS

- Udemy Certifications on ReactJs, C++, Java and Web Developments.
- NPTEL Course Completions on Data Structures, Algorithms, Databases and Deep Learning.