

Kantilal Patel

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EDUCATION

Indraprastha Institute of Information Technology, Delhi (IIITD) <i>M.Tech. In CSE with specialization in Data Engineering, GPA 8.04/10</i>	July 2023 - July 2025 New Delhi, IN
LJ Institute of Engineering and Technology <i>B.Tech. In Computer Engineering , GPA 8.85/10</i>	May 2019 - May 2023 Ahmadabad, IN

TECHNICAL SKILLS

Expertise Areas: Web Development, Object Oriented Programming, Data Structure and Algorithms, ML, DBMS
Programming Languages: C, C++, Python, JavaScript
Tools and Technologies: ReactJS, ExpressJS, Node.js, Postman, Git, Google Colab, Talend studio

EXPERIENCE

Full Stack Developer Intern <i>Shreeji Web Creation</i>	Jan 2023 - Apr 2023 Ahmadabad, IN
<ul style="list-style-type: none">Utilized React.js to handle API requests and demonstrate strong client-side development skills.Built APIs using Node.js and Express.js, and worked with both SQL and NoSQL databases to handle data efficiently during my full-stack web developer internship.	
ABU Robocon <i>Junior Member</i>	Aug 2020 - Aug 2021 Ahmadabad, IN
<ul style="list-style-type: none">Developed libraries and algorithms for embedded tasks, showcasing strong proficiency in embedded systems.Designed and implemented a robotic system with a throwing robot and defender robot to accurately shoot arrows into specific targets, demonstrating innovative problem-solving and robotics engineering skills.	

ACADEMIC PROJECTS

Proxy Web Server	C language, Multithreading
<ul style="list-style-type: none">Built a multithreaded proxy web server in C using socket programming with TCP/UDP communication to handle concurrent requests.Applied system calls for low-level I/O, implemented semaphores, threads for concurrency, mutex locks for shared resource access, heap memory management, and LRU cache with time-based eviction.	
Academia Portal	C language, Socket Programming
<ul style="list-style-type: none">Created an academic portal for course enrollment and management, allowing superuser oversight and faculty control over course offerings and seat availability.Implemented socket programming, file locking, and system calls for real-time communication and secure data storage.	
Job Seeker Assistant Using LLM	LLM, ML, MySQL, ReactJS
<ul style="list-style-type: none">Designed algorithms to analyze resumes, extract key information, and match users with relevant job openings, providing personalized job opportunities.Developed an AI-powered job matching system utilizing Large Language Models (LLMs) to enhance job search efficiency.	

AWARDS AND ACHIEVEMENTS

Our Team Secured the **14th All-India Rank** in the 2021 **Abu Robocon** Competition.
Successfully cleared GATE 2023 with a commendable score.
Solved over **300+ Data Structures and Algorithms (DSA)** problems across various coding platforms.

POSITIONS OF RESPONSIBILITY

Teaching Assistant for the Computer Networks course, Monsoon 2023, at IIITD.
Teaching Assistant for the DBMS course, Winter 2024, at IIITD.