

PREKSHA JAIN

Software Engineer | AI/ML Engineer | Backend Developer | DSA Enthusiast

Portfolio: [Link](#)

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<http://github.com/PrekshaJain1909>

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http://leetcode.com/u/Preksha_1909/

PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building intelligent backend systems and scalable applications using Node.js, Python, REST APIs, and AI-powered integrations.

Experienced in developing LLM-powered workflows, sentiment analysis systems, intelligent automation pipelines, and backend architectures supporting production-grade applications.

Strong analytical foundation with 700+ DSA problems solved, currently focused on building practical AI systems involving LLM integrations, NLP workflows, retrieval systems, and scalable backend infrastructure.

EDUCATION

Bachelor of Technology, Information Technology

Bharati Vidyapeeth's College of Engineering, GGSIPU, New Delhi

8.79/10 CGPA

2022 – 2026

EXPERIENCE

Mednex Research Solution | Software Development Engineer Intern, Remote

Dec 2025 – March 2026

- Integrated LLM-powered conversational workflows using OpenAI and Anthropic APIs for intelligent customer automation
- Built AI-enabled workflow nodes supporting contextual inference and dynamic response generation
- Developed backend automation pipelines for enterprise conversational systems
- Integrated external AI/data connectors to enable real-time intelligent workflow orchestration
- **Tech Stack:** Node.js, PostgreSQL, Redis, RabbitMQ, OpenAI API, Anthropic API

Parihar India / Software Developer Intern, Remote

Feb 2025 – July 2025

- Built secure JWT-based authentication and role-based access control systems
- Developed and optimized 8+ backend APIs for user and admin workflows
- Improved backend reliability through validation and structured error handling
- Optimized authentication workflows for improved system stability

Globe Capital Market Limited / Software Developer Intern, Delhi

July 2024 – Aug 2024

- Debugged and optimized C++ modules handling business logic workflows
- Fixed 15+ edge case failures causing runtime issues and Improved SQL query efficiency and application stability.
- **Tech Stack:** C++, SQL

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript

AI / ML: OpenAI API, NLP Fundamentals, Prompt Engineering, Sentiment Analysis, Model Evaluation (MAE, RMSE), Predictive Analytics

Backend Development: Node.js, Express.js, REST APIs, Webhooks, Cron Jobs, Authentication Systems

Database: MongoDB, MySQL, PostgreSQL

Frontend: React.js, JavaScript, Tailwind CSS, HTML5, CSS3

Developer Tools: Git, GitHub, Postman, VS Code

Computer Science: Data Structures and Algorithms, Object-Oriented Programming, DBMS, OS

Familiar: RAG Concepts, Vector Embeddings, LLM Workflows, Intelligent Automation Pipelines

PROJECTS

OurSpace – AI Powered Relationship Wellness Platform | [Github](#) | [Live Link](#) | MERN, JWT Auth, Context API, OpenAI API

- Built an AI-powered relationship intelligence platform using LLM-driven sentiment analysis
- Designed contextual recommendation workflows for personalized emotional insights
- Integrated secure authentication and scalable backend workflows

Fee Flow | [Github](#) | [Live Link](#) | React.js, Node.js, Express.js, MongoDB, RESTful APIs, TailwindCSS, Twilio API

- Built fee management platform managing 50+ student records
- Automated 100+ reminders via Email, SMS, WhatsApp using cron jobs
- Developed admin dashboard and payment tracking APIs payments

ACHIEVEMENTS

- Solved **700+ DSA problems**, strengthening problem-solving and optimization skills across arrays, trees, and graphs
- Won **1st Position** in **Hack2Hustle 2025**, competing with **20k+ participants**.
- Selected for the **Super 30** Program led by Anand Kumar Sir.