

PRABHAT KUMAR

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

SUMMARY

Aspiring Software Developer with hands-on experience in LLMs, full-stack development, and infrastructure automation. Currently contributing to production-level systems at Rakuten India. Skilled in Python, React, FastAPI, Azure, and modern AI/ML frameworks.

EXPERIENCE

Technical Intern

Jan 2026 - Present

Rakuten India, Bengaluru

- Built LLM-powered automation pipelines for large-scale data processing, reducing manual effort and improving data quality across production workflows.
- Developed full-stack web applications using React, TypeScript, and FastAPI to streamline internal workflows and enable self-service tooling for team members.
- Worked on CIS Autoconfig - designed and implemented infrastructure configuration automation to streamline system provisioning and reduce manual setup overhead.

Data Science Intern

Jun 2025 - Aug 2025

Cognify Technology

- Built analytical dashboards improving data visibility and reducing analysis time for stakeholders.
- Trained ML models for user behavior prediction, improving recommendation accuracy.
- Automated data extraction workflows, increasing processing efficiency by 40%.

SKILLS

Programming: Python, SQL, C, C++

ML/AI: PyTorch, TensorFlow, LangChain, OpenAI, HuggingFace, LLMs, NLP, Computer Vision

Frameworks: FastAPI, Flask, React, TypeScript, Spring Boot, Pandas, NumPy

Cloud & DevOps: Azure (OpenAI, Data), Docker, Linux, Git, Shell Scripting

Data & Viz: Power BI, Matplotlib, Seaborn, MongoDB

PUBLICATIONS

Real-Time Gesture Recognition for Numeric Drawing and Calculation

5th International Conference on 6G Communications Networking and Signal Processing (SGCNSP), Springer | Nanyang Technological University, Singapore | Dec 2025

PROJECTS

Medical Chatbot with Local LLM Integration

Developed a medical chatbot using Next.js and local LLM via Ollama for real-time health answers with MongoDB-backed conversation history.

Book Recommendation System - LLM

Built an AI-powered recommendation engine using LangChain, OpenAI embeddings, and Gradio interface for semantic book matching.

EDUCATION

B.E., Computer Science (Data Science)

2022 - 2026

RN Shetty Institute of Technology, Bengaluru

CGPA: 9.4

CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamentals
- NPTEL: Deep Learning | NPTEL: Data Science For Engineers
- AWS Certifications: AI and ML
- DevOps Foundation (Great Learning) | Docker & Kubernetes (Udemy)