

Prashant Bansal

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[leetcode://prash529/](#) / [linkedin://in/pras529](#) / [github://pras529](#)

EDUCATION

Bharati Vidyapeeth's College of Engineering
Bachelor of Technology in Information Technology
CGPA: 7.68

New Delhi

Nov 2022 – Aug 2026

Pratap Public School
Studied PCM and CS

Karnal , Haryana

Mar 2019 – Mar 2021

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, Go, JavaScript, HTML/CSS, Java.

Frameworks: React, Node.js, Flask, TensorFlow, Next.js, Flutter.

Database: MongoDB, PostgreSQL, SQLite, MySQL.

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm

Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management System, Operating System, Compiler Design, Computer Networks.

INTERNSHIP EXPERIENCE

Software Engineer Intern

June 2024 – Aug 2024

ITinker , Chandigarh

2 months

- Developed an APK Generator Tool using Python and Flutter to automate APK creation Successfully
- Built an e-commerce chatbot with WhatsApp API integration, leveraging Go and PostgreSQL to facilitate real-time customer interact
- These projects enhanced my skills in API integration, backend development, and cross-platform tool creation

PROJECTS

TPLLM – Traffic Prediction / *Node.js, Next.js, MongoDB, LLaMA model* — [Github](#)

- Reduce traffic congestion and ensure a smoother flow of vehicles in areas with heavy traffic.
- We introduce TPLLM, a novel Traffic Prediction Framework leveraging LLMs.
- API Integration, Kafka streaming, Prometheus/Grafana monitoring, Kubernetes deployment.

Neuro-Assist App/Web / *Flutter, HTML, CSS, Javascript, Flask* — [Github](#)

- Developed a scalable, accessible, and secure platform to empower Neurodiverse Individuals
- This project leverages Google Gemini 2.0, Python, Cloud Vertex AI, Flutter, and React.js.
- Provide cross-platform compatibility using Flutter for Mobile Apps .

PE Waterfall Insights & Modeler / *Python, Numpy, Pandas, Streamlit, Plotly Dash* — [Github](#)

- Accurately implement both European (Whole Fund) and American (Deal-by-Deal) waterfall models.
- Clawback Provision Modeling, Fund Expense Modeling, Benchmarking, Reporting.
- Scenario Analysis, Sensitivity Analysis, Distribution Visualization.

INTERESTS

- Problem Solving:
Solved problems on Leetcode, HackerRank and Coding Ninjas
Hackathons/Challenges such as SIH , Google Solution Challenge 2025
- Stock Market / Trading

CERTIFICATIONS

- [Data analytics with python](#)
- [Python](#)
- [AWS Cloud Computing 101](#)