



GARV RANDHAR

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B.Tech, Computer Science and Engineering
Address : 507, Block C, Gaur Valerio, Ahinsa Khand 2, Indirapuram, Ghaziabad.

Summary

Computer Science undergraduate with practical experience in Python, Flask, and FastAPI from personal projects rather than just classroom assignments. I am especially interested in problems related to fintech; two of my projects focus on transactions, accounts, and financial reporting. I regularly test AI tools in my own workflow, using local models from Ollama and cloud APIs, while considering costs, latency, and privacy trade-offs. I am certified in Anthropic's Model Context Protocol and completed NPTEL's Natural Language Processing course (IIT Kharagpur).

Education

SRM Institute Of Science and Technology B.Tech · Computer Science and Engineering	2027 CGPA - 8.75/10
Bharat National Public School Class XII - CBSE · PCM · Ram Vihar, Karkardooma, Delhi	2023
Delhi Public School Indirapuram Class X - CBSE · N.A. · Indirapuram, Ghaziabad	2021

Skills

Programming Languages: Python, C++, HTML, CSS
Languages and Frameworks: Tkinter, Flask, Bootstrap, FastAPI
Tools and Technologies: MySQL, SQLite, WordPress, MongoDB Atlas, Google Cloud Platform, Vercel, Render, Streamlit

Experience

Appventurez Mobitech Pvt. Ltd.
AI/ML and Backend Developer · Intern · Full Time Noida, Uttar Pradesh
Working as an AI/ML and Backend Developer Intern, building and deploying machine learning models and backend systems using Python. Contributing to end-to-end development of AI-driven features and scalable backend services.

Projects

- ColabSphere** | [Link](#)
· Python · FastApi · React.js · Node.js · MongoDB Atlas · Clerk · Websockets Web Development
Co-developed and deployed ColabSphere (live at colabsphere.com), a platform where developers can create, discover, and join collaborative projects based on matching skill sets.
Built using Node.js, FastAPI, and React.js, with real-time in-project chat powered by WebSockets; deployed on Google Cloud Platform.
- Web Based Accounting System** | [Link](#)
· Python · Flask · SQLAlchemy · SQLite · HTML5 · CSS3 · JavaScript · Chart.js · Font Awesome · Werkzeug Web Development
The Web-Based Accounting System is a modern, responsive financial management application built with Flask. It provides a complete solution for managing accounts, transactions, and generating financial reports. Designed with a clean, professional interface, this system helps users track their finances efficiently with features like GST calculations, multiple report types, and PDF exports.
- Customer Churn Prediction — AI Dashboard** | [Link](#)
· Python, Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib, Seaborn, Streamlit, Git Machine Learning & Customer Analytics
Developed an end-to-end churn prediction dashboard using Random Forest and XGBoost, achieving 74% overall accuracy, 78% recall for churn detection, and an 80% F1-score for non-churners.
Built interactive visualizations with Matplotlib and Seaborn; deployed via Render for real-time model inference, enabling data-driven customer retention insights.

Online Banking System | [Link](#)

· Python · Flask · SQLAlchemy · SQLite · Bootstrap 5 · HTML5/CSS3/JS · Flask-Mail · APScheduler · PyOTP (2FA) · Werkzeug

Web Development

A full-featured online banking system built with Flask. Supports savings & current accounts, loans, credit cards, investments (FD/RD/mutual funds), bulk payments, 2FA security, automated EMI processing, and email notifications. Includes dashboard analytics, transaction history, and debit card management.

Stock Market Analysis | [Link](#)

· Python · Dash · Plotly · yFinance · Scikit-learn · Pandas · NumPy · TextBlob · BeautifulSoup

Data Visualization / Dashboard Development

Created an interactive web dashboard to examine Indian stock market data, display trends, conduct fundamental analysis, and forecast future prices using linear regression.

Volunteering

Dr. A. V. Baliga Memorial Trust | [Volunteering Certificate](#)

Volunteer · Community Outreach

I volunteered at centers in underprivileged slum areas and engaged children with educational activities and games. This experience improved my communication, teamwork, and empathy. It also helped me understand diverse communities better.

Full Bowl Initiative(Student-Led Campus Initiative) | [FullBowlInitiative](#)

Website Developer & Volunteer · Animal Welfare & Community Support

Created a fundraiser and donation website for the Full Bowl Initiative, a student-organized project to raise funds to assist with providing food for the homeless dogs living on campus. Collaborated with many student groups to promote the initiative to continue to have a consistent source of funding and continue operations.

Links

[GitHub](#), [LeetCode](#), [LinkedIn](#)

Certifications

Introduction to Model Context Protocol | [Link](#)

Anthropic

Natural Language Processing | [Link](#)

NPTEL (IIT Kharagpur, in association with Swayam)

Programming Fundamentals using Python - Science Graduates - Foundation Program | [Link](#)

Infosys Springboard

Object Oriented Programming using Python | [Link](#)

Infosys Springboard

Python (Basic) Certificate | [Link](#)

HackerRank

Database and SQL | [Link](#)

Infosys Springboard

Competitions

L'Oréal Sustainability Challenge - Hackathon | [Certificate](#)

Participant

Guidewire DEVTrails University Hackathon 2026 | [Certificate](#)

Participant

Languages

English [Professional Working Proficiency], Hindi [Native Proficiency], Spanish [Fundamental Proficiency]