Anshul Deewan

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SUMMARY

Results-driven **Computer Science student** with expertise in **Python Development, Full-Stack Web Development, and Machine Learning**. Delivered end-to-end solutions including **Pre-Sure**, an ML web app for healthcare predictions. Skilled in automation, debugging, scalable system design, and **cross-functional collaboration**. Actively applying **DSA, cloud tools, and DevOps practices** to build reliable, production-ready applications.

EDUCATION

2022 – 2026	B.Tech CSE, **VIT Bhopal**	(CGPA: 7.68)
2020 – 2021	Class 12, **Gurukul Sr. Sec. School (RBSE)**	(91%)
2018 – 2019	Class 10, **Vidyasthali Public School (CBSE)**	(73%)

TECHNICAL SKILLS

Languages:	C++, Python, JavaScript, SQL
Frameworks & Libraries:	React.js, Node.js, Express.js, Flask, scikit-learn, Pandas, NumPy
Databases:	MySQL, MongoDB, Firebase Firestore
Cloud/DevOps:	Firebase Hosting, GitHub Actions, CI/CD, Postman, PyTest
Tools:	Git, GitHub, VS Code, Jupyter, Bootstrap, REST APIs
Domains:	Web Development, Machine Learning, Software Engineering

EXPERIENCE

Python Development Intern – Global IT Providers　　　　　　　　　　　Nov 2024 – Jan 2025

- **Developed and optimized Python applications**, reducing system downtime and improving execution speed.

- **Automated data pipelines** with Pandas/NumPy, eliminating repetitive reporting tasks and saving 15+ hours/week.

- Built **modular, reusable components** and testing utilities, increasing reliability across projects.

- Implemented **logging, profiling, and monitoring**, surfacing performance bottlenecks and reducing bug resolution cycle time by 30%.

Certificate: View Here

PROJECTS

Pre-Sure (ML Web App)　　　　　　　　　　　　　　　　　　　　　　　　　　　GitHub

- Designed and deployed a **Flask-based ML application** for pregnancy risk prediction.

- Implemented preprocessing, feature engineering, and **model evaluation with scikit-learn**.

- Tech: Python, Flask, scikit-learn, HTML/CSS, responsive UI.

NewsMania (News Aggregator)

- Developed a **real-time news aggregator** using React.js and News API.

- Implemented **pagination, category filtering, and dynamic loading states** for scalability.

- Tech: React, Fetch API, Bootstrap.

Quick Food (Food Delivery App)

- Built end-to-end **ordering and cart workflows** with real-time order tracking.

- Integrated **Firebase Authentication and Firestore database**, enabling secure user management.

- Tech: React, Firebase, Optimistic UI updates.

Achievements & Leadership

- Solved **100+ DSA problems** on LeetCode and GeeksforGeeks.

- Achieved **HackerRank ratings: 4-star in C++ and 3-star in Python**.

- Marketing Co-Lead, iOS Club – **increased membership by 30%** and organized events with 90%+ participation.

- Led digital campaigns, increasing social engagement by **45% through targeted content strategies**.