

Aman Devrani

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EDUCATION

- Graphic Era (Deemed to be University) *Dehradun, India*
Bachelor of Technology in Computer Science & Engineering - 8.46/10 *2023 – Present*
- St.Jude's School (I.S.C) *Dehradun, India*
Senior Secondary in Science (PCM with Computer Science) - 80.75% *2021 – 2023*

TECHNICAL SKILLS

Languages: C, C++, Python, Java & JavaScript.

Tools: VS Code, Ubuntu WLS, Postman, Docker, Git, GitHub & Firebase.

Technologies/Frameworks: Oracle SQL, Node.js, React.js, Next.js & Flask.

CERTIFICATIONS

- Certified Student Expert in Postman API Fundamentals* - Oct'25.
- Search Engine Optimization with Squarespace* - Oct'25.
- AWS Certified skills in Prompt Engineering, Cloud Practitioner Essentials etc* - Feb'25.

EXPERIENCE

GirlScript Summer of Code (GSSoc 2025)

Open Source Contributor

Dehradun, India

Oct 2025 – Present

- Developed and tested APIs in open-source projects, collaborating with team members on code and documentation
- Earned **Postman API Fundamentals Student Expert Certificate**, demonstrating API development and testing skills.

PROJECTS

Cloud VM Resource Optimization | C++, React, Flask & DSA Algorithms. | ([link](#)) |

04/25 – 06/25

- Optimized virtual machine resource allocation using the **0/1 Knapsack Problem algorithm**.
- Implemented API to handle allocation requests and secured endpoints using API keys.
- Improved cloud efficiency, reduced wastage and enhanced VM performance.

House Price Predictor | Python, Pandas, NumPy, Scikit-learn, Matplotlib, Flask & React. | ([link](#)) |

03/25 – 05/25

- Predicted **Indian real-estate prices** using property and geographical location attributes.
- Integrated Flask API for the model and API keys for secure access.
- Achieved **93% accuracy**, enabling more reliable pricing decisions.

Multi-Model ML Loan Allocation | Python, Logistic Regression & Random Forest Classifier. | ([link](#)) |

10/24 – 02/25

- Classified customers and predicted loan eligibility using various Machine Learning Models.
- Processed minimal customer data with feature selection and data preprocessing.
- Achieved **95% prediction accuracy**, enabling faster and reliable pre-approved loan decisions.

ACHIEVEMENTS

- Solved over 185 algorithmic problems on [LeetCode](#), demonstrating strong problem solving skills.
- Served twice as **Project Team Leader** under Project-Based learning initiative, demonstrating strong leadership skills.
- Awarded AWS Skill Builder and Coursera Licenses by college for **strong academic performance**.