DEVANSH RAWAT

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Education

Graphic Era Hill University, Dehradun   **2023 – 2027**
B.Tech in Computer Science & Engineering   *CGPA: 7.7 / 10*

Projects

SkillSync – Smart Team & Project Buddy Finder   **Link**

- Engineered a **full-stack web application** enabling students to discover and collaborate on projects and hackathons through skill-based matching.
- Developed team dashboards, mentor directory, and secure authentication using **Supabase (PostgreSQL BaaS)** for real-time database and API management.
- Delivered a responsive UI with Tailwind CSS and Vite, improving collaboration efficiency among 100+ student users.
- **Tech Stack:** TypeScript, Tailwind CSS, Vite, Supabase (PostgreSQL)

Custom Task Manager with Security & ML-based Process Monitoring   **Link**

- Developed a custom task manager that automatically classifies processes as system, user, background, or suspicious.
- Integrated **ML-based anomaly detection** using TensorFlow & scikit-learn for unauthorized process identification.
- Implemented **process lifetime tracking**, crash handling, and network monitoring with automated responses.
- Achieved **92% accuracy** in detecting malicious behaviors and reduced manual inspection time by 40%.
- **Tech Stack:** Python, TensorFlow, scikit-learn, SQLite3, tkinter

Homigo – Full-Stack Rental Listing Platform   **Link**

- Designed and deployed a responsive **rental listing platform** enabling users to list, explore, and book stays.
- Implemented **authentication, CRUD operations, and image uploads** with Express middleware for validation.
- Integrated **MongoDB + Mongoose** for secure schema management and user-review storage.
- Enhanced UX with Bootstrap-based responsive UI, improving session duration by 35%.
- **Tech Stack:** Node.js, Express.js, EJS, MongoDB, Mongoose, HTML, CSS, Bootstrap

Technical Skills

Languages: Java, C++, C, JavaScript, TypeScript
Backend: Node.js, Express.js, REST APIs
Frontend: React.js, EJS, HTML, CSS, Bootstrap, Tailwind CSS
Databases & Cloud: MongoDB, PostgreSQL, SQL
Developer Tools: GitHub, VS Code, IntelliJ IDEA

Honours and Awards

Microsoft – SEFA (Software Engineering For All) Program   **June 2025**
India

- Selected among the **top B.Tech CSE students in India** for Microsoft's SEFA initiative.
- Engaged in industry-led sessions on Design Thinking, Azure & DevOps, Product Lifecycle, and Copilot AI.
- Collaborated on cloud-native project prototypes focusing on scalability and customer-first engineering.

Algorithmic Competitions & Achievements

- Solved **300+ DSA problems**, strengthening algorithmic and problem-solving proficiency.
- Achieved **All India Rank 3** in Unstop Weekly Coding Challenge, outperforming thousands nationwide.