

SUMIRAN JAISWAL

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EDUCATION

Master of Engineering, Software Engineering & Cloud Engineering May 2026
University of Maryland: A. James Clark School of Engineering, College Park, MD **GPA: 3.9/4**

Bachelor of Engineering, Electronics & Telecommunications October 2023
Devi Ahilya University: Institute of Engineering & Technology, Indore, India **GPA: 9.12/10**

- First class honors, **top 2%** of class, **Scholarship** awardee

SKILLS

- Programming Languages:** C#, Python, C++, Java, JavaScript, SQL, Shell, HTML, CSS
- Frameworks:** ASP.NET Core, Node.js, React, Django, Spring, Selenium, Pytest, **xUnit**, **Moq**
- Software Design:** MVC, REST APIs, Microservices, **Design Patterns**, SOLID Principles, **OOP**, SLO, SLA, SLI
- Tools:** **Git**, **Docker**, Kubernetes, **MS Visual Studio**, **MS VS Code**, Postman, Microsoft Suite
- Project Management:** Agile, Scrum, XP, Jira
- Cloud:** **AWS**, Google Cloud, Azure, IAM, **IaC**, Terraform, CloudFormation, **DynamoDB**, **VPC**, **VPN**, Load Balancing

Technical Experience

Cloud Engineering Intern Jan – May 2024
Cognizant Technology Solutions Pvt. Ltd., Hyderabad, India

- Worked** with cross-functional teams to enhance IaaS on GCP, achieving a **25% boost** in operational performance.
- Partnered** with API developers to design cost-effective solutions, **reducing** Cloud Storage **retrieval time** by **15%**.
- Worked** closely with infrastructure and DevOps teams to engineer **scalable data storage** solutions.

Software Engineering Intern Sept – December 2023
Supersourcing technologies Pvt. Ltd., Indore, India

- Built** dynamic and responsive UIs using React and Angular, improving frontend **performance by 20%**.
- Coordinated** with backend specialists to connect frontend components with APIs, improving **efficiency by 10%**.
- Teamed** up with product managers to develop interactive dashboards, driving a **30% rise** in user engagement.

PROJECTS

News Aggregator (Technology Stack: ASP.NET Core, Microsoft SQL Server, CSHTML, Entity Framework)

- Developed a **web application** delivering news with role-based authorization using **ASP.NET core Identity**.
- Followed a structured development process, including **SRS**, **SAD**, **Unit and Integration testing**.
- Strengthened skills in **application design**, security, and **performance optimization**.

Smart Attendance Portal – PATENT (Technology Stack: face-api.js, React, Firebase)

- Developed a web application for automated attendance tracking using **facial recognition**.
- Replaced the manual system, **improving efficiency and accuracy** for professors.
- Filed and successfully received a **patent grant** for the innovation.

ACHIEVEMENTS

- Patent – Indian Journal**
- Hackathon Winner at Georgia Tech – Hacklytics 2025**
- Associate Cloud Engineer – Google, Nurture Tech Knight – Cognizant**

Leadership & Extracurricular

Technical lead Sept 2024 – Present

Google Developer Student Club, UMD

- Conducted technical sessions and workshops for undergraduate students on new technologies.
- Guided students through practical applications and provided mentorship.
- Fostered a collaborative learning environment by answering questions and offering support.