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| **EXPERIENCE**  Google Developer Students Club, UMD – Technical Lead  **University of Maryland**  **Daily calendar**Marker 09/2024 – Present College Park, United States   * Organized a hands-on workshop to explore Google Cloud services, with a focus on Infrastructure as a Service (IaaS) * Introduced participants to Compute Engine and demonstrated its utility for optimizing performance and reducing costs * Conducted interactive sessions on solving algorithmic problems using C++ on Leetcode.   Analyst  Daily calendar**Cognizant Technology Solutions**  Marker 01/2024 – 05/2024 Hyderabad, India   * Gained hands-on experience with Google Cloud Platform. * Focused on Compute Engine and Google Kubernetes Engine to create and evaluate compute options * Conducted cost vs. performance trade-off analysis to identify optimal solutions for stakeholders * Structured scalable data storage facilitating 8% increase in requests * Explored AI and ML offerings like Vertex AI and AutoML, leveraging their APIs to derive meaningful insights from data stored in Cloud Storage   **PROJECTS**  News Aggregator Web App  **A. James Clark School of Engineering**  Marker**Daily calendar** 08/2024 – 12/2024 College Park, United States   * Designed using MVC architecture in ASP.NET core * Utilized Microsoft SQL Server for backend database management * Leveraged Razor Pages for frontend using CSHTML * Learned to build scalable applications, manage databases using Entity Framework migrations, and create dynamic interfaces.   Smart Attendance Portal – PATENT  **Institute of Engineering and Technology DAVV**  **Daily calendar**Marker 08/2024 – 12/2024 Indore, India   * Developed a web application to streamline the attendance process, replacing the manual system with a facial recognition-based solution using FaceApi.js for backend processing * Used React for the frontend to create reusable components, enhancing efficiency and user experience * Reconfigured database to reduce the latency by 40%, enhancing productivity   **EDUCATION**  Masters of Engineering, Software Engineering  Daily calendar**University of Maryland**  Marker08/2024 – 05/2026 College Park, United States  : A. James Clark School of Engineering  Course Highlights:   * Software Engineering * Software Design and Implementation * Secure coding for Software Engineering   Bachelor of Engineering, Electronics & Telecommunication  Daily calendar**Devi Ahilya University**  Marker 08/2019 – 10/2023 Indore, India  : Institute of Engineering & Technology  GPA: 9.12/10 First class honors, top 2% of class, Scholarship awardee  Course Highlights:   * Operating Systems * Data Structures and Algorithms * Computer Networks * Object Oriented Programming | **SUMMARY**  I am a **Master's student in Software Engineering** at the University of Maryland. I have a passion for building efficient and innovative solutions using modern technologies. I aim to leverage my skills to solve real-world problems in the field of software engineering.  I have a solid understanding of software engineering fundamentals and the Software Development Life Cycle (SDLC). I strive for excellence in my work and enjoy interacting with people to share experiences and learn from others.  I am also **Google Cloud Certified Associate Cloud Engineer**, and I continue to expand my knowledge in cloud technologies.  **KEY ACHIEVEMENTS**  **DiamondDatabase Optimisation Success**  Optimized database to cut latency by 40%, boosting Smart Attendance Portal efficiency.  **DiamondData Storage Design Impact**  Increased data request from scalable storage by 8% through strategic design.  **Diamond** **Google Cloud Workshop Leader**  Led a Google Cloud workshop for 50+ participants, improving cloud service skills by 30%.  **DiamondAcademic Excellence**  Achieved top 2% ranking in class, securing a GPA of 9.12/10 in Bachelor's degree.  **CERTIFICATION**  **Associate Cloud Engineer – Google Cloud**  **Patent – Indian Journal**  **SKILLS**  Python C# C++ JavaScript SQL Bash  ASP.NET Core Next.js Pytest xUnit Moq Git Entity Framework MVC  Docker Kubernetes Google Cloud Burp Suite DBeaver Microsoft SQL Server Microsoft Suite  IaaS PaaS Cloud Storage  **FIND ME ONLINE**  [LinkedIn](https://www.linkedin.com/in/sumiran-jaiswal-b8199a21b/)  [GitHub](https://github.com/sumi0309/)  **Employee badge** [Portfolio](https://sumi0309.github.io/portfolio/)  Link [Leetcode](https://leetcode.com/u/warrior0331/)  Link [GDG](https://gdg.community.dev/gdg-on-campus-university-of-maryland-college-park-united-states/) |