Deepansh Singh

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EDUCATION

PDM UNIVERSITY - Bachelor of Technology in Computer Science and Engineering   *2019 - 2023*

PROJECTS

The MCloud Resume
Link: **[Github](#)**, Link: **[Live](#)**

- Developed and deployed a comprehensive web application incorporating various technologies across the application lifecycle using **HTML**, **CSS**, **Javascript**, using services such as **AWS S3**, and **GCP** Cloud Storage.
- Designed for high resiliency and scale using Google Cloud **Load Balancers**, **Cloud CDN**, and **AWS Route 53**. Leveraged Serverless solutions such as **AWS Cloudfront** and **GCP Cloud Run** to reduce operational costs.
- Orchestrated a complete **CI/CD** pipeline across source control, build, package, and testing using **GitHub Actions**, **Google Cloud Build,** and **Jenkins**.
- Implemented application visitors counter persisted in **DynamoDB** table and configured using **Python** (boto3 library) through **AWS Lambda**.
- Ingeniously handled infrastructure using **Terraform** for robust version control.

Google Cloud DevOps
Link: **[Github](#)**

- Developed, containerized, and deployed a **Flask** application utilizing **Docker** (image stored in **Google Cloud Container Registry**) and **Kubernetes** via **Google Kubernetes Engine**, enhancing application distribution and scalability.
- Achieved significantly reduced runtime errors by ensuring uniformity across development, staging, and production environments, enhancing software reliability.
- Devised a CI/CD pipeline with Google Cloud Build and GitHub, which allowed safe and efficient propagation of changes across distinct environments, driving overall operational efficiency.
- Deployed to production and exposed Kubernetes endpoint via the load balancer IP.

EXPERIENCE

Pyramid Developers - Mobile Application Developer   *Jul 22 - Aug 23*

- Spearheaded front-end development for a premier client at Pyramid Developers, utilizing **Firebase** and **Flutter** for seamless hosting and integration, enhancing application reliability and scalability by up to 60%.
- Leveraged key contacts to drive business growth, contributing to a significant increment in revenue.
- Guided new interns for efficient project onboarding and led a team of 5 developers on new projects, recognized for rapid advancement to leadership within three months due to exemplary leadership skills.

LEADERSHIP

- **Core Team Member, GDG Cloud New Delhi (***March 22 - Present***)** - Organized 20 developer events and 5 Google Cloud community meetups in the Delhi NCR region. Achieved an average CSAT rating of 4.55 across all events with assessment, planning, and successful execution in order.
- **Facilitator, Google Cloud Readiness Program (***March 2021 - June 2021***)** - Trained and mentored more than 400 students in Google Cloud's Associate Cloud Engineer skills across 3 universities as part of the program with active participation of 350 people. Achieved an average CSAT of 4.8 by providing continuous feedback with various touch points.
- **University Tech Club - Manager (***May 2021 - May 2023***)** - Spearheaded a team of 10 people for planning and organising sessions, talks, and CTF contests.
- Increased attendee turnout by 85% by inviting industry experts to share knowledge and industry trends to student forums.

CERTIFICATES

- [Google Cloud Certified - Professional Cloud Architect](#)   *(valid till 2025)*
- [Google Cloud Certified - Associate Cloud Engineer](#)   *(valid till 2026)*