Muskan Aswani

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EDUCATION

Thadomal Shahani Engineering College, Mumbai University   **Mumbai, India**
Bachelor of Engineering, Computer Engineering, **CGPA: 9.7/10.0**   Aug 2019 - May 2022

PROFESSIONAL EXPERIENCE/ INTERNSHIPS

Senior Technology Analyst [Deutsche Bank, Pune, India]   **July 2022 - Present**
- Working on the migration of legacy services to Google Cloud Platform (GCP), leveraging Java and Spring Boot to design, implement cloud-native backend systems. Ensuring seamless migration while maintaining high availability and performance.
- Developed optimized solutions using Java to automate the handling of external I/O operations for a service. Implemented Spring Boot for microservices architecture, improving modularity and scalability. This effort reduced manual intervention based on SLAs, resulting in a significant 50% reduction in manual efforts and saving approximately 45-50 hours annually.
- Achieved a 60% reduction in data ingestion costs for New Relic, projecting annual savings of $24,500 by optimizing data processing and monitoring pipelines.
- Improved resiliency and monitoring by implementing early detection systems for incidents, enabling proactive issue resolution and significantly reducing the workload of Support Engineers, while decreasing the number of incidents
- Working with a cross-functional, Agile team of 13, pioneering in the Google Cloud migration process in our department and providing ongoing support for SRE best practices across teams.
- Led department-wide releases, ensuring adherence to deployment procedures. Managed Change Requests, handovers to L2 support, and post-release reviews. Filled in for the role of Scrum Master and worked with Testing Team as and when required.
- Provided mentorship to interns and new team members, conducting code reviews and facilitating knowledge-sharing sessions.

Web Developer Intern [Fluid Tech, Virtual]   **June 2021 – July 2021**
- Conceptualized and Developed a website enabling virtual doctor consultations during the pandemic, helping users easily access medical care remotely.
- Designed and Implemented Secure APIs for functionalities such as OTP generation, location detection, live chat, and video calls, ensuring high security and reliable performance.
- Collaborated in a Team of 3 developers, contributing to both front-end and back-end development using a stack comprising HTML, CSS, JavaScript, PHP, and Laravel.
- Integrated Third-Party Services including secure payment gateways and real-time communication tools for video calling, enhancing the user experience.

Web Developer Intern [White Graphics, Mumbai, India]   **June 2019 - July 2020**
- Deployed an Enterprise Resource Planning based website to S One Enterprises, a German firm
- The website included features for tracking all the resources of the enterprise (inventory management), managing the reports/invoices and generating statistics
- Led another website creation for WHITE GRAPHICS which is used to manage and review all the tasks given to the interns, lets you create new teams and generates statistics
- Technologies used in both websites for end-to-end development: HTML, CSS, JavaScript, WebPack and PHP
- Received client endorsement for maintaining exceptional code quality and ensuring timely delivery.

SKILLS
- Java, Spring Boot, Google Cloud Programming (SRE), GitHub, SQL, New Relic, GitHub Actions, Database Management, Splunk, HTML, CSS, PHP, REST webservice

CERTIFICATIONS
- Google Cloud Certified Cloud Digital Leader – June 2024
- Deutsche Bank Cloud Engineer, Deutsche Bank Cloud DevOps Engineer – July 2023 / May 2024

POSITIONS OF RESPONSIBILITY

Founder, ThriftWithSass   **Apr 2021 – Oct 2021**
- Managed an online Instagram store which sells thrifted clothes and all profits generated were used to feed stray animals.
- Automated the order shipping process using ShipRocket, delivered 650+ products.

ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES
- Participated in DB Hackathon [Top 5] and created a Smart Technical Support Bot using ML, AL and Cloud
- Received DB excellence award for being a pioneer in hybrid architecture, improving performance & cost saving.
- Ranked 3rd in IEEE (Institute of Electrical and Electronics Engineers) paper writing at VESP (Vivekanand Education Society's Polytechnic)
- Honored by Rotary Club of Ulhasnagar for securing 3rd rank in Diploma in Computer Engineering
- Content Creation Head and Volunteer for The Street Tails NGO from Nov 2020 – Oct 2021
- Started Learning about Finance and Investments since 2020 and still pursuing the knowledge on the same