Siddhant Sorann

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EDUCATION

M.S in **Computer Science, Arizona State University, Tempe, AZ**   *Expected Dec 2023*
B.Tech in **Computer Science, VIT University, Vellore, India -** (CGPA: 8.62/10)   *July 2014 - Apr 2018*

WORK EXPERIENCE

MiQ Digital   *Bangalore, India*
Senior Software Engineer   *Jan 2021 - June 2022*
- Became one of the youngest Senior Software Engineers across the organization.
- Led the team to design and develop a new distributed system to aggregate complex data using libraries and technologies like Kafka, RDS, Spring Boot, REST, and Kubernetes, making it future-proof, scalable, and highly available, thereby reducing the time taken from 60 mins to 45 sec and eliminate revenue leakage.
- Worked on optimizing DB queries and the CPU usage of our Aurora instance. This allowed us to use a smaller instance, saving the company USD 1,711 monthly.
- Volunteered to establish protocols for Trunk Based Development across products to make them "Release When Ready". Automated the CI/CD pipelines and introduced Component and Integration Tests; this allowed features to be tested and deployed to production as soon as a PR was merged, leading to a 25% increase in dev efficiency.
- Performed a PoC on automated code quality tools. Worked with teams across MiQ to onboard them onto Sonarcloud to help improve the overall code quality in the organization and provide reports to management.

Software Engineer II   *Jan 2020 - Jan 2021*
- Invited to the London HQ, after interacting with the users, developed a microservice for better monitoring and alerting of our pipelines, reducing the alerting delay from 30 mins to 1 min.
- Led a project to provide updated data to users by 9 AM across all timezones, improving from 1 PM previously.
- Upgraded the front-end from AngularJS to React using Hooks, Axios, Jest, Semantic Versioning, and Lerna. This reduced our support issues by 40%.
- Mentored junior developers to help them grow as software engineers. Took multiple learning sessions for the tech team on various topics like React fundamentals, design principles, CI/CD, SonarCloud, and code coverage.
- As a scrum master, I helped improve the scrum and agile practices of the team and the organization. As a result, my team averaged 93% predictability, one of the highest in the organization.

Software Engineer I   *Jul 2018 - Jan 2020*
- Upgraded eight different microservices to Spring Boot 2.x from 1.x, reducing the overall tech debt by 70%.
- Upgraded an application written in AngularJS to Angular 5. Used all the latest tools like Jenkins, Docker, Helm, and Kubernetes to implement an auto-scaling infrastructure, improving page load times by 60%.

Mercedes Benz India   *Pune, India*
Software Engineering Intern   *May 2017 - July 2017*
- Developed a chatbot allowing the users an efficient and user-friendly access to information. It understood the users' requests and guided them to the relevant information without having to browse through the website. It also provided information about what the users requested to help organize the information on the website.

EXTRACURRICULAR ACHIEVEMENTS & ACTIVITIES

- **MiQ Impact Award Winner** - 2022
- **MiQ Individual Annual Award Winner** - 2020, **MiQ Individual Quarterly Award Winner** - 2019
- **MiQ Team Annual Award Winner** - 2019 & 2020
- **Awarded the "Role Model" trait** (highest) for expressing company values in my reviews, twice.
- **Published multiple technology blogs on Medium** to share my learnings with the tech community
- **Contributed to various open-source projects.** Worked directly with the maintainers of Spring Cloud Dataflow.
- During the lockdown, following George Floyds' death, to lift colleagues' morale, I volunteered to organize MiQs first Global Virtual Hackathon, which saw a participation of 100+ from 8+ countries.
- A regular volunteer for Corporate Social Responsibility initiatives like lake rejuvenation and aforestation.
- Led MiQ's Social Club to organize and host various corporate fun events and retreats
- Volunteered with the wellness committee at MiQ during the lockdown to promote the well-being of employees.
- University Publicity & Marketing Head, Indian Society for Technical Education.

SKILLS

Languages - Java, Python, Javascript, SQL
Databases - MySQL, MongoDB, Redis, Firebase
Tools & Frameworks - Spring Boot, Spring Cloud, Spring MVC, Hibernate, React + Redux, REST, Angular, AWS Cloud, Kubernetes, Docker, Helm, Jenkins, Prometheus, Grafana.