Aparna Mane

Mumbai, India | +91 9967684498 | aparna.code98@gmail.com

EDUCATION

K. J. Somaiya college of Engineering, Vidyavihar (Autonomous). **Mumbai**
Bachelor of Technology(BTECH) | Electronics Engineering | CGPA - 8.23/10 May 2020
Veermata Jijabai Technological Institute(VJTI). (Autonomous). **Mumbai**
Diploma | Electronics Engineering | Percentage - 86.03% May 2017

SKILLS

Python, C++, MongoDB, SQL, Redis, Kubernetes, Azure Cloud, CI/CD, Azure DevOps

AWARDS

• ESTAR Recognition Award for Exceptional Delivery — Morgan Stanley 2022.
• IST COE Award for Platform Modernization — Morgan Stanley 2023

WORK EXPERIENCE

Morgan Stanley, *Manager* April 2022 - *Present*
• Led the department's on-premises to cloud migration, spearheading efforts to optimize performance, scalability, and resource utilization in the Datazone project. Additionally, successfully onboarded the dzpy library to the cloud, ensuring seamless integration and scalability.
• Executed an innovative DataRobot POC with Google Mobility data, revealing actionable patterns for strategic decision-making.
• Worked on and successfully implemented notebook sharing features tailored to support the Singapore instance.
• Managed token expiry and generation on the client side, optimizing security measures and ensuring uninterrupted service access.
• Successfully onboarded datasets, overseeing the end-to-end process from acquisition to integration into the team's workflow.
• Enabled Azure authentication for services, implementing secure access control protocols.
• Investigated and addressed delays in 'dz-get', implemented Singleton pattern and reduced the time from 15.871 seconds to 2.297 seconds.
• Played a key role in helping the team smoothly shift from AFS to PyPI Python dependencies. Built scripts, added integration testing fostering a stable virtual environment.
• Successfully enabled and optimized the 'get sample' functionality for Team DZNodes, streamlining data retrieval processes and accelerating analysis workflows.
• Pioneered the implementation of embedded notebook sharing features, fostering collaboration and knowledge exchange within Team DZNode.

IDfy, *Software Engineer* Jan 2022 - April 2022
• Implemented functionality for Amazon to restrict child company creation for sibling DSPs, enabling parent company visibility while maintaining data privacy between sibling companies.
• Rebuilt a core RESTful API for HRMS-based integrations, that reduced client's time and effort to integrate because of redundancy based in-built logic.

LogisticsNow, *Associate Software Engineer* July 2022 - Jan 2022
• Designed and deployed a cost effective, modular and scalable auction portal which was instrumental in increasing the savings by up to 30% for the fortune 500 companies.
• Proposed, structured and built Goggle for logistics using Azure cognitive search which fetched result within less than 1 second.
• Implemented Singleton pattern across all codebases resulting cost savings, API response time to be less than 1 second, eradication of SNAT port exhaustion.
• Drafted and Deployment of over 80 API Services and Application on Azure Cloud Services using Python stack to ease logistics services.
• Laid out clustering algorithm to fetch results within certain(100km, 150km etc) radius of the Earth.
• Fashioned intuitive dashboards from the data given by fortune 500 companies on a regular basis which paved way for them to take informed decisions and reduce cost by up to 40%.
• Restructured codebase of about more than 200 APIs to improve API performances, hence user experience was superior.
• Achieved up to 80% removal of dependency on internal team by automating the excel file processing to perform custom analysis and putting up fuel normalization system.
• Steered projects from requirement gathering phase to its implementation and deployment which are currently being used by the fortune 500 companies.