VIDHI AGARWAL

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SUMMARY

Dedicated candidate seeking Software Engineering internship opportunities between May 01, 2024, to August 20, 2024. Proven track record of meeting company needs through consistent and organized practices. Adaptable to new situations and challenges, adept at working under pressure, with a focus on enhancing organizational brand. Possesses strong collaborative and communication skills, coupled with a passion for continuous learning and contributing to innovative projects.

EDUCATION

San Jose State University   **August 2023 - May 2025**
Master's, Software Engineering   *GPA: 3.7*
- Virtualization, Cloud Technologies, Smartphone Application Development, Software Engineering

Mody University of Science and Technology   **August 2018 - May 2022**
Bachelor's, Computer Science   *GPA: 9.35*
- Data Structures and Algorithms, Computer Networks,Database Management Systems, Operating System

PROFESSIONAL EXPERIENCE

VMware   **Bengaluru, Karnataka, India**
Member Of Technical Staff I   *July 2022 - July 2023*
- Committed code to 4 different microservices to meet various functional specifications
- Designed and implemented a backend model and API endpoints for complex workflows using GraphQL
- Achieved 90% increase in software reliability by means of JUnit Testing
- Implemented performance optimizations to reduce latency and improve overall system response time.

VMware   **Bengaluru, Karnataka, India**
Software Developer Intern   *January 2022 - July 2022*
- Built REST APIs to query data from AWS Neptune using Gremlin query language
- Improved API response time for complex graph traversals by achieving pagination
- Administered closely with development team members to identify and remove software bugs.

PROJECTS & OUTSIDE EXPERIENCE

Smart Pantry
                                                                                               August 2023 - December 2023
- Demonstrated proficiency in Android development by implementing features in Smart Pantry android application, integrated Raspberry Pi and AWS IoT Core for efficient ingredient identification and data capture.
- Utilized Amazon Rekognition and AWS services to organize pantry items, recommend recipes based on user preferences, and enhance kitchen efficiency.
- Implemented Amazon Cognito for robust security, ensuring authenticated and secure access to the Smart Pantry application.
- Engineered a serverless architecture using AWS Lambda and DynamoDB, optimizing input processing and customizing users' culinary experiences.

VMware Aria Business Insights   **Bengaluru, Karnataka, India**
                                                                                                            July 2022 - July 2023
- Managed the design and implementation of an entire functionality, it required creation of a set of APIs, integration with Redis Cache and Postgres Database.
- Created and maintained a java repository common to more than 3 microservices.
- Analyzed the datasets processed using Apache Spark to solve complex bugs related to incorrect data being received on Kafka topic.
- Engaged in integration of Kubernetes with the product and tested the integration by simulating multiple scenarios.

SKILLS

Skills: Adobe After Effects, HTML/CSS, JavaScript, Java, Kubernetes, GraphQL, Redis, Apache Kafka, Apache Spark, Data Structures & Algorithms, Python, AWS, Android Development, MySQL, C, C++, Spring, Postgres, CI/CD, React.js, Git

Achievements

·   Received At Our Best Recognition Award within the team at VMware for showcasing adaptability and quick learning capabilities.
·   Recognized in NCG Bootcamp 2022 held by VMware for project showcasing how to provide time to value to customers for an existing VMware product .

- 100% Scholarship at Mody University of Science and Technology for maintaining 9.0 above CGPA.
- Certified in IT Academy:Cloud and Virtualization Concepts, issued by VMware.
- Certified in Getting Started with Python, Python Data Structures, issued by Coursera.
- Event Head of Computer Society of India, Lakshmangarh chapter- student branch during Aug,2017-May,2018.