S V Gani Prabhakar Ch

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EXPERIENCE

Randstad Inc — Bengaluru, India
Software Development Engineer — *March 2023 - January 2024*

- **End-to-End Integration**: Implemented Chargebee integration to enable seamless subscription management for the application. Developed interactive web interfaces using React, enhancing frontend capabilities, and explored Trino and Superset for advanced chart visualization, improving data insights.
- **Automated Data Updates**: Automated data updates by implementing cron jobs for Mixpanel data insertion, reducing manual efforts and ensuring timely updates.
- **Efficient Deployment**: Successfully deployed the application using AWS CodePipeline, achieving efficient continuous integration and deployment.
- **Secure Authentication**: Incorporated Amazon Cognito service for secure authentication within the application, ensuring user data protection.
- **Single Sign-On Integration**: Integrated Okta Single Sign-On solution, providing a seamless and secure authentication experience for users.

Amazon — Bengaluru, India
Software Development Engineer — *July 2021 - November 2022*

- **Performance and Scalability Enhancement**: As a valuable member of the Amazon Alexa Profiles team, led initiatives to enhance the performance and scalability for various Alexa Profile attributes.
- **Flagship Project Development**: Played a pivotal role in developing and implementing the end-to-end logic flow for the HHAS (Household Alexa Skill) project, positioning it as a flagship endeavor in the Alexa ecosystem.
- **Efficiency Optimization**: Achieved an impressive 99% reduction in the effort required for SQS messages transformation from S3, optimizing the process from an estimated 40 hours to just 25 minutes.
- **Leadership in Scaling**: Demonstrated leadership by owning a service and successfully scaling it to handle a 2x increase in customer traffic, ensuring exceptional performance during peak usage.
- **API Design and Implementation**: Designed and implemented several APIs, enabling the seamless backfilling of millions of customer data records between microservices. Showcased expertise in efficient data transfer.
- **AWS Windows Expertise**: Applied comprehensive expertise in AWS Windows services, including EC2, S3, IAM, Workmail, and Workspaces, contributing to the seamless management of diverse cloud-based technologies.

INTERNSHIP

Amazon Web Services — Bengaluru, India
Cloud Engineer Intern — *March 2021 - June 2021*

- **EC2 Instance Revival Script**: Developed and rigorously tested a script aimed at autonomously reviving EC2 instances, eliminating the need for support engineer intervention. Anticipated impact: a 30% reduction in support cases per year in the Windows queue, based on 2020 statistics.
- **Cloud Proficiency and Implementation**: Acquired comprehensive training on cloud fundamentals and various AWS services, successfully integrating these concepts into practical applications throughout my tenure.
- **AWS SAA Certification Achievement**: Recognized as the first intern to attain the AWS Solutions Architect – Associate (SAA) certification among a cohort of 91 interns selected in 2021.

EDUCATION

Dayananda Sagar College of Engineering — Bengaluru, India
Bachelor of Engineering in Information Science; GPA: 9.3 — *Aug. 2017 - July. 2021*

PROJECTS

- **Automated Live Stock Buy/Sell Strategies**: Developed and implemented automated strategies for buying and selling stocks in real-time, utilizing tick price data for decision-making. Executed the automation in live market conditions using real funds.
- **Cow Bull Number Guessing Game**: Created a dynamic Cow Bull game using Node.js, challenging players to guess a number stored by the server while providing feedback based on the count of "Cows" and "Bulls".

PROGRAMMING SKILLS

- **Languages**: Python, Java, Spring, SQL, NoSQL   **Technologies**: AWS, React, Heroku, CI/CD, GIT, Docker