Chaitanya Jujjavarapu

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Technical Developer | Software Engineer

Versatile Software Engineer with extensive experience in developing scalable solutions to enhance efficiency and user engagement across financial services platforms. Specialized in utilizing AWS technologies to lead knowledge-sharing initiatives, mentorship programs, and the creation of data management systems. Proven ability to innovate and improve software systems, such as Java-based automation systems and Python Lambda functions, significantly optimizing operational efficiency and customer satisfaction. Expert in designing critical data visualizations, Spark ETL jobs, and managing large-scale data warehouses, effectively supporting strategic decision-making and fostering a culture of continuous learning and improvement.

TECHNICAL SKILLS

Skills / Languages: Python, Java, Amazon Web Services, React.js, Spark, Go
Certifications: AWS Certified Solutions Architect - Associate

PROFESSIONAL EXPERIENCE

Capital One, **Associate Software Engineer**   **Aug 2021 - Mar 2024**
- Boosted use of Monetary Adjustment Governor app to $430mil+ in credits across 14mil+ transactions by enhancing support for internal teams, expanding the scope of credit operations like Uber One credits on various Capital One cards.
- Developed a Java-based automation system on an EC2 instance that critically assessed and waived fees for credit card users, optimizing customer satisfaction and operational efficiency.
- Innovated Go Lambda function for rapid pre-screening of eligibility for thousands of customers seeking preapproval for partnership credit cards, significantly enhancing throughput and customer engagement in partnership stores.
- Utilized PySpark, EMR clusters, and Python lambdas to build and manage ETL jobs for batch processing, error handling, and debugging purposes.
- Led multiple knowledge-sharing initiatives through AWS certification study sessions and technical forums, benefiting over 100 young software engineers and establishing a robust culture of continuous learning and technical exchange.
- Mentored eight interns and three new hires, significantly accelerating their onboarding process and enhancing their contribution to team projects through systematic guidance and support.

Capital One, **Software Engineer Intern**   **Jun 2020 - Jan 2021**
- Streamlined data integration by automating the transfer of information from various sources to a SQL schema, employing a combination of AWS Lambdas in Python, SQS, S3, EC2, and RDS, significantly enhancing data processing efficiency.
- Developed and managed robust data warehouses using SQL on Snowflake, enabling structured data storage and simplified data management.
- Designed an Amazon Quicksight dashboard providing the Vice President with clear insights into spending patterns and potential savings in AWS expenditures, facilitating strategic financial decisions.

Tada Cognitive Solutions, **Full-Stack Web Developer Intern**   **Dec 2018 - May 2020**
- Developed new features within the company's Web Suite applications, like a widget auto-refresh setting and new data visualization charts, utilizing React.js for the front end and C# for the backend.
- Designed robust test cases to ensure secure and functioning code using the xUnit testing framework.

EDUCATION

University of Illinois Urbana-Champaign, Champaign, IL; **Bachelor of Science in Computer Science**   **Aug 2017 - May 2021**