Rupika Pendyala

Rewriting the Code Fellow | linkedin.com/in/rupika-pendyala | rupikamericapplication@gmail.com | 469-649-4123

EDUCATION

Case Western Reserve University   Aug 2019 – May 2023
Bachelor of Science in Computer Science and Data Science   Cum GPA: 3.9/4.0

Related Coursework
Courses: Data Structures, Discrete Maths, Algorithms, Databases, Operating Systems, Data Analysis, Data Science Statistics

EXPERIENCE

Goldman Sachs   New York City
Software Engineer   July 2023 – Present

- Leveraged **Java and Springboot** to implement the backend for a flagship chatbot feature which was integrated into each bankers existing workflows **globally** and reduced losses by over **12mn+ YTD**.
- Developing a **AWS cloud-native** application that tracks the budgeting and spend of firmwide initiatives **globally**. The application currently tracks over **50k+** intiatives, and has over **2k+** unique monthly users.
- Designed and implemented a POC using **AWS Lambdas and State Machines** achieving **20% cost savings**. Presented at the Divisional Cloud Tech Forum, **sharing best practices on the implementation and architecture.**
- Built a ETL pipeline using **ElasticSearch** which unlocked over 20TB of data, and reduced the time to source these materials from **7 hours down to a few seconds**.
- Implemented **caching** for the API and Database layers, improving performance by **95%.**

Engineering Summer Analyst   June 2022 – Aug 2022

- Led the development to integrate ID/face recognition into a Swift application, helping **6,000+** high-network clients **go password free**.
- Gained deep understanding of Swift and SwiftUI Fundamentals as well as core IOS Frameworks.

Accenture   Singapore
Techno-Functional Analyst Intern   May 2021 – Aug 2021

- Leveraged OAuth to develop authorization features for a national case management and information system that will be used across the social service sector.
- Assisted business analysts in navigating client facing environment to deliver technical solutions and other various related outcomes.

ABB   Singapore
Data Analyst Intern   Aug 2020 – Nov 2020

- Worked with cross-functional team to implement next generation solutions by using Data Science/ML techniques for the pulp and paper industry.
- Identified and collected requirements and methodologies for data acquisition from industrial control systems such as DCS/PLC.

PROJECTS & INTIATIVES

Vocalize.ai | *ElectronJS, AWS, Docker, Node.js*   May 2024 – Present

- Creating a AI desktop assistant, that performs tasks based on your voice commands, freeing you up to focus on what matters most.

Reality.io | *React, AWS, Docker, Playwright, Stripe Payments, Node.js*   Jan 2024 – Present

- Developing a subscription-based application to help **anyone** find their perfect neighbourhood. The **beta-version** received interest from several real-estate companies such as ApartmentList.com.
- Implemented **automated integration testing** improving efficiency and accuracy of tests by **80%**.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, HTML, CSS
Technologies: AWS, SpringBoot, React, Node.js, Kubernetes, Docker, HashiCorp ,GraphQL, ElasticSearch, MySQL, Snowflake