

SRI CHANAKYA CHOWDARY BABU YENNANA

7421 Frankford Rd, Dallas, TX 75080; +1 469-305-9906; srichanakyayennana@gmail.com

<http://www.linkedin.com/in/sri-chanakya-yennana> | <https://github.com/srichanakya> | <https://yennanasrichanakya.netlify.app/>

EDUCATION

Master of Science, Computer Science

August 2022 - May 2024

The University of Texas at Dallas, United States

GPA: 3.45/4.0

Relevant coursework: Database Design, Machine Learning, Algorithms, Big Data Management and Analytics, Web Programming.

Bachelor of Technology, Computer Science and Engineering

June 2016 - June 2020

GITAM Deemed University, India

GPA: 8.81/10

Relevant coursework: Operating Systems, OOP in JAVA, Data Structures in C, Database Management Systems, Compiler Design.

PROFESSIONAL EXPERIENCE

The Goldman Sachs Group, Inc., Texas, United States

September 2024 – Present

Software Engineer Analyst

- Collaborated with cross-functional teams to analyze and design scalable system solutions aligned with evolving product requirements, ensuring seamless integration across various services.
- Engineered distributed systems leveraging Apache Kafka and REST APIs, facilitating efficient and reliable inter-service communication.
- Developed a high-throughput payment gateway using Java Spring and AWS, optimizing transaction workflows for improved speed and reliability.
- Enhanced the payment orchestration layer by integrating diverse payment providers, significantly reducing transaction failure rates and increasing operational efficiency.
- Collaborated in an Agile environment using JIRA for task tracking and Jenkins for continuous integration and automated deployment.
- Designed and optimized backend microservices to process high-volume payment transactions, ensuring low latency, fault tolerance, and high availability.
- Gained extensive experience with global payment rails such as FEDWIRE, SEPA Instant, and SWIFT, contributing to seamless cross-border transaction handling.
- Conducted comprehensive code reviews and enforced coding best practices, enhancing code quality, maintainability, and system stability.
- Worked closely with **DevOps** teams to monitor application performance, troubleshoot issues, and ensure smooth **production deployments**.

Accenture Solutions Private Limited, Hyderabad, India

August 2020 - June 2022

Associate Software Engineer (ASE)

- Worked as a back-end Java Developer for the Demant Team at William Demant, developing high-performance and reliable web applications, including a CRM application, using Spring Web Flux.
- Developed an automation tool tailored for automated testing of report management processes. This tool streamlined the testing of various report functionalities, ensuring accuracy and reliability in managing and validating report data.
- Designed and implemented multiple microservices to process large datasets from Excel files, consisting of hundreds of thousands of rows, and efficiently storing them in a database.
- Established communication protocols between microservices to exchange reliable information and facilitate seamless data flow.
- Used SonarQube to ensure coding standards, actively engaged in peer reviews, and ensured alignment with team standards.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins and GitLab CI, automating the build, test, and deployment processes to ensure rapid and reliable delivery of software updates.

ACADEMIC PROJECTS

Online Grocery Store (*Web Programming Languages*)

August 2023 – December 2023

- Successfully designed and developed an online grocery store application from scratch using a blend of web technologies. Implemented enhancements and finalized the project for deployment.
- Tech Stack - HTML, CSS, JavaScript, Bootstrap, Springboot, MySQL server and localhost

Escape Room (*Virtual Reality Project*)

January 2023 - May 2023

- Leveraged Unity 3D engine and C# programming language to design and develop an immersive escape room experience, harnessing the advanced features of Unity for realistic graphics, physics, and interactive gameplay elements.
- Integrated Google Cardboard compatibility into the escape room application, allowing users to enjoy the captivating experience of solving intricate puzzles and challenges within the virtual environment using their smartphones and a simple cardboard viewer.

Personal Customizable Cloud Storage (*Final Year Project*)

August 2019 - March 2020

- Configured secure remote access protocols such as SSH or VPN to ensure the confidentiality and integrity of data transmission between the Raspberry Pi NAS and end-users, enabling secure access to stored files over the internet while safeguarding against unauthorized access.
- Implemented network and firewall configurations to restrict access to the Raspberry Pi NAS to authorized users only, employing access control mechanisms such as username/password authentication or IP whitelisting to mitigate the risk of unauthorized access or malicious attacks from external threats.

TECHNICAL SKILLS

Certifications: AZ-900: Microsoft Azure Fundamentals; PL-900: Power Platform Fundamental; Excel Skills for Business: Essentials – Coursera; Advanced React – Coursera

Technical Stack: Python, Java, C#, Swift, HTML, CSS, JavaScript, React.js, Springboot, Node.js, PHP, MongoDB, MySQL.

PERSONAL ACCOMPLISHMENTS

SWISH Hackathon by DENZO group - Team Leader

August 2019

UNSCO Tech Fest - Volunteer

November 2018

IoT Workshop by Texas Instruments - Organizer

July 2018