

Papria Bhuiyan

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EDUCATION

Southern Methodist University
Computer Science B.S.

Dallas, TX
Aug. 2022

Southern Methodist University
Operations Research & Engineering Management M.S.
GPA: 3.85

Dallas, TX
May 2024

SKILLS

Technical Skills: Java, Python, JavaScript, TypeScript, Angular, HTML, CSS, React, C++, C#, Docker, AWS, Spring Framework, SQL, PL/SQL, PostgreSQL, MySQL, Git, Swift, Lighthouse, Nessus

Project Management Skills: Agile/Scrum Methodologies, Project Planning and Scheduling, Risk Assessment and Management, Microsoft Project, Jira, GitHub

WORK EXPERIENCE

Cognizant

Full-Stack Engineer

Dallas, TX
Aug. 2022 to Present

- Engaged in the Investment Banking sector collaborating with BNY Mellon as a client, leveraging SQL expertise to oversee and automate extensive records encompassing diverse securities
- Led a team responsible for extraction and upload of these records to/from the database through interactions with client
- Built an in-house web application using Angular for front-end, coupled with Spring Boot for backend, and skillfully connected to a MySQL database
- Utilized AWS to establish CI/CD pipelines via GitHub for Angular and Spring Boot applications
- Orchestrated deployment of SPA app to S3 and Spring Boot onto Elastic Beanstalk

Caruth Institute of Engineering Education, SMU

Software Developer

Dallas, TX
Jan. 2021 to May 2021

- Conceptualized and executed automated recycling bin initiative using C++
- Guided 5 students to develop different versions of this prototype
- Led a team of three to create the final prototype
- Designed and implemented algorithms to optimize application performance

AT&T Leadership Academy

Extern

Dallas, TX
Jun. 2020 to July 2020

- Developed time management, communication, and leadership skills through projects and other activities
- Examined AI and 5G landscape through comprehensive speaker sessions
- Gained insights into diverse business models and their mechanisms from various speakers

PROJECTS

Perform Here Software

Angular, Spring Boot, MySQL, AWS

- Developed a social media platform enabling artists gauge local concert interest by collecting deposits from individuals interested in potential concert events
- Implemented Stripe API integration to facilitate payment processing
- Executed deployment of SPA app to Amazon S3 and Spring Boot application to Elastic Beanstalk
- Evaluated and enhanced software security and performance using Nessus and Lighthouse

GuiQL

HTML, CSS, React, Express, MySQL, AWS

- Developed a course management meant for instructors and students where instructors can create courses and post coursework which students can view and submit files
- Led a team of 6 people to find solutions to fulfill user requirements
- Conducted comprehensive unit testing with a 97% coverage to ensure optimal functionality

Green

Python

- Engineered automated recycling bins to spread awareness about current environmental issues
- Implemented image recognition in AI to enable the user to present the object in front of a camera which will identify the object
- Programmed the coding aspects of the project in Python to open its respective bin after the object has been detected