

# Papria Bhuiyan

<https://papriabhuiyan.github.io/pbPortfolio/> | <https://github.com/papriabhuiyan> | [papriabhuiyan@gmail.com](mailto:papriabhuiyan@gmail.com) | Dallas, Texas

## EDUCATION

**Southern Methodist University**  
*Operations Research & Engineering Management M.S.*

**Dallas, TX**  
*Dec 2024*

**Southern Methodist University**  
*Computer Science B.S.*

**Dallas, TX**  
*Aug 2022*

## SKILLS

**Programming skills:** Python, Java, JavaScript, TypeScript, PL/SQL

**Frameworks & Libraries:** Spring Framework (Spring Boot, JPA), Angular, React, Vue.js, Node.js, Next.js, Express.js, JUnit, Mockito

**Databases:** PostgreSQL, MySQL, MongoDB

**DevOps & Tools:** Git, AWS, CI/CD, Docker, Jenkins, GitLab

## WORK EXPERIENCE

**Cognizant**  
*Full-Stack Engineer*

**Dallas, TX**  
*Aug 2022 to Present*

- DirecTV
  - Developed reusable React components, reducing development time by 25% and standardizing design
  - Implemented new features using React to enhance site functionality and user engagement
  - Engineered automated AEM-to-Storyblok content migration using Java and AWS, reducing manual work and errors
  - Led CMS deployments across multiple teams, ensuring timely and seamless code integrations
  - Collaborated with product owners to translate business requirements into technical solutions
  - Managed a cross-functional team spread across 4 time zones, improving project delivery efficiency by 15%
- Internal
  - Developed an in-house full-stack application using Angular and Spring, enhancing functionality and performance
  - Built REST APIs using Spring Boot to support data operations and backend services
  - Integrated UI components with REST APIs using Angular, Redux, and Axios, ensuring seamless data flow
  - Conducted unit testing for frontend components using Jasmine, ensuring robust and reliable UI functionality
  - Performed backend testing using JUnit and Mockito, validating service logic and data integrity
  - Executed deployment of SPA app to Amazon S3 and Spring Boot application to Elastic Beanstalk, optimizing scalability and reliability

**Caruth Institute of Engineering Education, SMU**  
*Software Developer*

**Dallas, TX**  
*Jan 2021 to May 2021*

- Executed automated recycling bin initiative using Python
- Led a team of 5 developers to develop the prototype
- Implemented algorithms to optimize application performance
- Collaborated with stakeholders to define requirements and implement data-driven solutions

## PROJECTS

### Perform Here Software

*Angular, Spring Boot, MySQL, AWS*

- Built a platform for artists to validate concert demand through upfront user deposits
- Integrated Stripe API for secure, seamless payment processing
- Deployed frontend via Amazon S3 and backend via Elastic Beanstalk for scalable cloud hosting
- Designed clean REST APIs for efficient client-server communication
- Used Lighthouse and Nessus to optimize performance and identify security issues
- Iterated on features based on user feedback to improve engagement and usability

### GuiQL

*HTML, CSS, React, Express, MySQL, AWS*

- Built a course management system for instructors to post coursework and students to view and submit assignments
- 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