

Papria Bhuiyan

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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

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%
- Cognizant
 - 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