
WORK EXPERIENCE

Software Engineer

Chubb (Cognizant)

August 2021 - Present

New Brunswick, NJ

- Developed various microservices, including RESTful API microservices, and secured services using Spring OAuth 2.0 for Angular and Spring web applications.
- Collaborated with a team of 13+ developers to deliver high-quality software solutions.
- Utilized Agile methodology, paired programming (XP), and Git workflow with a CI/CD pipeline.
- Deployed multiple releases and implemented DML fixes, reducing production incidents by 20%.
- Conducted unit testing of APIs using POSTMAN and documented endpoints using Swagger.
- Implemented a model for publishing and subscribing to quote requests/responses using RabbitMQ.
- Worked with Spring JPA framework, MongoDB, PostgresDB, and MySQL to ensure efficient data storage and retrieval.
- Assisted in migrating multiple applications from legacy servers to the Cloud (AWS).
- Proactively adopted new tools and technologies, such as Docker, Kubernetes, Apache Kafka, and Open Message Queue.
- Executed CI/CD tasks using Jenkins on Kubernetes containers, ensuring continuous and confident application releases.
- Identified key performance indicators (KPIs) to measure application success and utilized data analysis to optimize performance.
- Fostered collaborative relationships with team members, leveraging KPIs to deliver exceptional results aligned with organizational goals.

Recitation Teacher

Rutgers University

Fall 2020

New Brunswick, NJ

- Re-taught difficult concepts in core and intermediate Java language class (CS102) for ~ 75 students.
- Facilitated collaborative problem-solving, project-based learning, and quizzes
- Supported professor Ana Paula Centeno to promote academic excellence
- Covered advanced concepts of object orientation in Java language
- Received positive feedback for exceptional teaching skills and dedication to student success

Software Engineer Intern

Fall 2020

Bruteforce Solutions (Software QA Bootcamp)

New York, NY

- Developed expertise in software quality assurance during intensive QA bootcamp training
- Mastered the fundamentals of quality assurance, including creating effective test cases from requirements
- Acquired proficiency in utilizing Selenium for automated testing, enabling efficient and effective testing processes
- Learned to use TET-NG and other tools to create comprehensive reports that provided valuable insights to stakeholders
- Continuously sought to expand knowledge and skills in software quality assurance, resulting in exceptional performance and consistent achievement of project goals

PROJECTS

Face and Digit Classification App (School Project)

Summer 2020

- Developed highly accurate Naive Bayes and Perceptron classifiers using advanced algorithms and mathematical models
- Conducted extensive testing of the classifiers using datasets for handwritten numbers and facial images
- Optimized and fine-tuned the classifiers based on the testing results, improving their accuracy and efficiency

Railway Booking System (School Project)

Spring 2020

- Developed a comprehensive online railway booking system that enabled users to easily search for train schedules, make reservations, and communicate with customer representatives
- Utilized database design expertise to create efficient schema and tables, and wrote all necessary queries for seamless website functionality
- Demonstrated advanced backend development skills with MySQL, AWS, Java, JDBC, and JSP
- Utilized HTML, JavaScript, and CSS to create a polished and intuitive user interface

EDUCATION

B.S in Computer Science

Rutgers University-NB

Class of May 2021

New Brunswick, NJ