

Mustufa Hussain

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Work Experience

BNY Mellon

Jersey City, NJ

LEAD DEVELOPER - APPLICATION DEVELOPMENT TEAM

June 2018 - Present

- Develop and maintain a Spring Boot API platform that delivers daily personal tasks for all of BNY Mellon's employees (~55,000)
- Implemented a Zuul Gateway on top of a Eureka Discovery service for dynamic routing to improve maintainability of platform
- Design, develop, maintain alerting system to trigger notifications on production failures which require human intervention
- Containerized application and created CI/CD pipeline to deploy to production on BNY Mellon's internal cloud platform
- Presented the importance of Test Driven Development (TDD) to ~60 developers
- Develop and maintain a full stack application written in Angular 5 and Spring Boot displaying business definitions and contracts for onboarding clients

Rutgers Department of Computer Science

New Brunswick, NJ

UNDERGRADUATE TEACHING ASSISTANT

Jan 2018 - May 2018

- Authored and published the design requirements and scope of multiple undergraduate projects for the Principles of Information Data Management course
- Automated grading of homework assignments
- Held office hours for approximately 130 students

Verizon

Irving, TX

SOFTWARE DEVELOPMENT INTERN

June 2017 - Aug 2017

- Developed mobile application using Ionic framework to eliminate paper based transactions for Verizon sales agents by 70%
- Mobile application also boosted productivity by 55% due to agents spending less time doing paperwork
- Optimized route sales agents followed which increased the number of houses visited by 30% in a two week sales period

Rutgers Office of Information Technology

New Brunswick, NJ

HELP DESK - LEVEL 1 CONSULTANT

April 2016 - Jan 2017

- Troubleshoot issues, in-person and over the phone, as well as created self-service troubleshooting guides for future users

Skills

Programming	Java, Python, Angular, Node.js, JS/HTML/CSS, TeX
Framework/Tools	Spring Boot, React Native, Express, React, SciPy, Maven, Fitnesse, JUnit, Docker
Databases	SQL (MySQL)
Languages	Urdu, Hindi

Projects

Present	Central Hangout Planner , Mobile app that computes a central hangout spot between all parties depending on what they chose in regards to food choices, entertainment, and activities.
April 2018	Game Review , Implemented machine learning algorithm to determine if companies such as IGN, GameSpot, etc, had a predictive game review process. Trained and tested a set of 10,000 games to predict ratings of each given game and accurately predicted 83% of scores within exact match.

Education

Rutgers University

New Brunswick, NJ

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Sept 2014 - May 2018