GOUTHAM REDDY VALAGOLAM

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EDUCATION

Northeastern University, Boston, MA   **May 2020**
Master of Science in Information System **GPA: 3.8/4.0**
Relevant Coursework: Application Engineering, Web Design, Web Development, Program Structure, and Algorithms

VIT University, Vellore, India   **May 2016**
Bachelor of Technology in Electronics and Communication Engineering
Relevant Coursework: C Language, Computer Organization and Architecture, and Computer Networks

TECHNICAL SKILLS

Programming Languages	Java, JavaScript, C
Framework	Java Swing**,** Angular, Bootstrap, NodeJS, ExpressJS, Spring, Hibernate, Mockito
Databases	Oracle, MySQL, MongoDB
Web Technologies	HTML5, CSS3, jQuery, JSON, AJAX, RESTful, FTL
Tools	Git, Postman, npm, IntelliJ IDEA, Spring Tool Suite (STS), NetBeans IDE 8.1

PROFESSIONAL EXPERIENCE

Amazon, Portland, USA   **Jun '19 – present**
Software Engineer Intern
- Modified multiple systems, each in a different language, to enable Secure Delivery to support the retail website customers in Germany to receive packages that were statistically shown would have resulted in a missing package
- Removed country specific code and made it more agonistic to enable new countries without code changes
- Refactored notifications to remove hard coded text and pull from a localization service to enable text changes without code deploys
- Used Native AWS services to create new rules to drive recommendations in Secure Delivery features that resulted in an annual savings of $15 million/year

Unisys, Bangalore, India   **Jul '16 – Aug '18**
Software Engineer
Key Technologies: Java, MySQL, JSON, HTML, Webservices, CSS, AJAX, JavaScript
- Developed an end to end application which interacts with hardware modules, which outruns the existing application by 3 times
- Coordinated with quality assurance and support teams to fix any application defects
- Utilized Spring boot for creating RESTful services for client and server interactions
- Experienced in employing test-driven development using JUnit and maintained 95% code coverage

Unisys, Bangalore, India   **Jan '16 – Jul '16**
Software Intern
- Designed a mobile responsive robust web application with an end goal of enabling customers to book, update or cancel appointments with the bank
- Implemented JavaScript client-side functions for custom validators
- Improved the user interface of existing web applications by reducing the number of clicks by 10%
- Enforced test-driven development in all the phases with 100% functional coverage

ACADEMIC PROJECTS

BuyGadgets.com (https://sheltered-castle-69385.herokuapp.com)   **Sep '18 – Dec '18**
- Designed a responsive electronics e-commerce website using MongoDB, Express, Handlebars, and Node
- Built top navigation bar which facilitates the user to navigate across various menus in the website
- Implemented dynamic product description page for users to view the full description of products

Bio-Gen Eco System   **Sep '18 – Dec '18**
- Bio-Gen eco-system is a Java swing application which integrates data coming from all areas of healthcare
- Implemented end to end, using multiple design patterns like Singleton, Factory

Movie Ticket Booking System   **Jan '18 – Apr '18**
- Developed an annotated Spring MVC web-app (JSP, MySQL, Hibernate) which allow the end users to check available movies, search for movies given a time frame
- The production managers to manage movies, add/edit movie details, manage bookings, view occupancy map
- Integrated the application with HQL, Criteria API, Mapping Collections, Hibernate Transactions