Syed AbuTalib

Software Engineer · U.S. Citizen

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Skills

Programming	Java, Ruby, Python, PowerShell, JavaScript, TypeScript, Bash, C, C++, Rust, R, SQL, HTML, CSS
Frameworks & Libraries	Spring Boot, JUnit, Mockito, Ruby on Rails, Django, Django REST Framework, Flask, Angular, Next.js, React, Vue.js, Jasmine, Node.js, Express.js, Jest, Tailwindcss
Tools	AWS, Azure, Git, Docker, MySQL, PostgreSQL, Heroku, Elasticsearch, Linux, Agile, Scrum, Kanban, Jira

Experience

Liberty Mutual Insurance   *Boston, MA*
TECHSTART ASSOCIATE SOFTWARE ENGINEER   *Jan. 2021 - Present*

- Implemented a document repository using Django and React, saving the company over $500,000 dollars per year by reducing employee downtime
- Integrated the Jasmine testing framework into multiple front-end applications, reducing bugs found in production by 30%
- Reduced local build times by over 80% and expedited cross-platform development by containerizing applications with Docker
- Provisioned cloud application resources using the AWS Cloud Development Kit, creating reusable components in the process

Access My Research   *Dallas, TX*
SOFTWARE ENGINEER INTERN   *Sept. 2020 - Dec. 2020*

- Facilitated software delivery cycles by containerizing applications with Docker, decreasing the build process from minutes to under 20 seconds
- Kept the application database up-to-date by pioneering the process of simultaneously accessing 3+ research database APIs by writing Python scripts to create and run concurrent processes
- Accelerated user search result response times from 2 seconds to 300 milliseconds by integrating Elasticsearch to index documents

Liberty Mutual Insurance   *Remote*
TECHSTART SOFTWARE ENGINEER INTERN   *May 2020 - Aug. 2020*

- Optimized searching in an internal service application used by 1000s of employees by conducting surveys on current users and analyzing and comparing employee job types with common searches, implementing the results on the webpage
- Automated the process to convert tabular form data into Excel spreadsheets using TypeScript, saving the company over $250,000 per year
- Participated in an internal hackathon where we unified Diversity and Inclusion groups data into a single dashboard using React and Flask to crawl internal calendar pages and sanitize event data

Education

The University of Texas at Dallas   *Dallas, TX*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE (CUM LAUDE)   *Dec. 2020*