Gautam Ramachandruni

Country of Citizenship: United States of America
Willing to Relocate
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GitHub LinkedIn Portfolio

EDUCATION

• **The University of Texas at Arlington**   **Arlington, United States of America**
Master of Science in Computer Science   *August 2016 – May 2018*

• **Motilal Nehru National Institute of Technology**   **Allahabad, India**
Bachelor of Technology in Computer Science & Engineering   *July 2012 – May 2016*

AREAS OF INTEREST

- Software Design & Engineering
- RESTful APIs
- Web Development
- Test Strategy & Automation
- Database Management Systems

TECHNICAL SKILLS

- <u>Front-end</u>: Angular, JavaScript, HTML5, CSS3, Node.js
- <u>Back-end</u>: Java Spring, Python, MySQL, PostgreSQL
- <u>Automation</u>: Cypress, Selenium, Serenity + REST Assured, Cucumber BDD, TestNG
- <u>DevOps</u>: Docker, Jenkins, Heroku

PROFESSIONAL EXPERIENCE

Mindtree   **Dallas, United States of America**
Software Engineer   *June 2018 – Present*

- Applied practical design methodologies to granulize event-driven web services.
- Built service, UI, and end-to-end automation frameworks from the ground up for intrinsic code quality.
- Containerized microservices with bounded contexts to optimize cross-platform compatibility.
- Engineered RESTful enterprise applications with Angular front-end components and server-side logic integrated through multi-branch CI pipelines.
- Spearheaded test strategies tailored to suit **test-driven development** (TDD), minimizing defect cycle time.

PROFESSIONAL PROJECTS

SimLog Flash Remediation   *April 2020 – Present*

- Remediated Flash dependency of a logbook application for flight simulator technicians by re-skinning UI with Angular 9 components.
- Architecture comprises of an API-driven front-end that calls existing REST-adapted SOAP back-end services for data population.
- Test automation framework aligns with left-shifted test pyramid paradigm to manifest "pod to prod" delivery by extending coverage to an end-to-end level using Cypress.

Pilot Training Scheduling System   *February 2019 – March 2020*

- Replaced a monolithic legacy application used to schedule trainings to pilots for FAA compliance with a modern bootstrapped microservice architecture.
- Domain-driven services communicate asynchronously over JMS queues and topics (pub-sub/request-reply).
- Service integration testing implements API stubbing against applications composed within containers.

CERTIFICATIONS

- CORE Java, Naresh i Technologies
- Big Data Hadoop Architect Masters Program, Simplilearn