

# Gautam Ramachandrani

Country of Citizenship: United States of America

Willing to Relocate

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[GitHub](#) [LinkedIn](#) [Portfolio](#)

## EDUCATION

### • The University of Texas at Arlington

*Master of Science in Computer Science*

**Arlington, United States of America**

*August 2016 – May 2018*

### • Motilal Nehru National Institute of Technology

*Bachelor of Technology in Computer Science & Engineering*

**Allahabad, India**

*July 2012 – May 2016*

## AREAS OF INTEREST

- Software Design & Engineering
- Cloud Computing
- Web Development
- RESTful APIs
- Test Strategy & Automation

## TECHNICAL SKILLS

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

## PROFESSIONAL EXPERIENCE

### Mindtree

**Dallas, United States of America**

*Software Engineer*

*June 2018 – Present*

- Applied practical design methodologies to granularize 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 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 training 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

- Certified Cloud Practitioner, Amazon Web Services (AWS)
- CORE Java, Naresh i Technologies