

Gautam Ramachandrani

Country of Citizenship: United States of America

g.ramachandrani@gmail.com • (469)996-6802 • 2500 Pepperwood St, Dallas, Texas 75234

[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 and Engineering

Allahabad, India

July 2012 – May 2016

AREAS OF INTEREST

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

TECHNICAL SKILLS

- **Front-end:** AngularJS, JavaScript, HTML5, CSS3
- **Back-end:** Java Spring, Python, MySQL, PostgreSQL
- **Automation:** Cypress, Selenium, Cucumber BDD, TestNG
- **DevOps:** Docker, Heroku, Jenkins

PROFESSIONAL EXPERIENCE

Mindtree

Software Engineer

Dallas, United States of America

June 2018 – Present

- Applied practical design methodologies to granularize event-driven web services.
- 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.
- Minimized defect cycle time by enhancing test automation frameworks leading to intrinsic code quality.

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 an existing REST-adapted SOAP back-end service 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.
- Asynchronous communication between domain-driven services occurs over JMS queues and topics (pub-sub and 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