

Mark Admani

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SUMMARY

Software engineer with a recent Master's degree (GPA 4.0) in Software Engineering seeking software engineering roles. Relevant coursework includes Generative AI Engineering, Machine Learning, Data Sciences, and Agile Software Development.

WORK EXPERIENCE

The Lab Consulting

Aug. 2022 – May 2024

Software Engineer

Houston, TX

- The Lab Consulting produces automation solutions using RPA tools to create reliable and scalable “bots” which can replace or augment human-centric digital processes
- Developed and maintained extensive documentation to make bots that are easy to use and robust
- Managed UiPath and Power Automate environments for 20+ clients, ensuring that all bots are able to run with correct configuration and data
- Scoped automation processes with clients to determine feasibility of automation and time-saving methods
- Updated older bots to a modern standard, updating methodologies and implementing coding best practices and proper error handling
- Created COE documentation and process mapping for clients to identify new automation candidates

Software Development Freelancer

Aug. 2020 – Sept. 2022

Software Developer

Katy, TX

- Worked with local Houston businesses to create automation solutions to cut down repetitive tasks while studying and gaining certifications to transition into the software development industry

Kaneka North America - Apical

Sept. 2018 – Aug. 2020

Production Process Engineer

Pasadena, TX

- Wrote automations that successfully updated over 1000 documents to meet PSM standards for OSHA
- Managed corona treatment and plasma treatment processes to ensure proper quality specifications
- Managed all aspects of high-cost capital projects for process revisions, new equipment, major reconstruction and equipment renewal

EDUCATION

University of Houston Clear Lake

Dec, 2025

M.S. in Software Engineering – GPA 4.0

- Awarded “Outstanding Graduate Student” for 2025 Software Engineers

University of Houston – Cullen College of Engineering

May, 2016

B.S. in Mechanical Engineering, minor in Mathematics

Houston, TX

- Honors Engineering Program President
- Honors College Student Governing Board

SKILLS & CERTIFICATIONS

- **Skills:** JavaScript, HTML5, CSS3, React.js, Vue.js (Node.js, Express, RESTful APIs, SQLite), PostgreSQL, Ruby, Rails Python, C#, C++, Visual Basic, .NET, MATLAB, LabVIEW, UiPath, Microsoft Power Automate
- **Certifications:**
 - UiPath Certified Professional Automation Developer, License # 104370010
 - Engineer-in-Training, Mechanical Engineering Exam, License # 60739