

# Vignesh Pugalenti

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## Education

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**California State University Dominguez Hills, Carson, CA** August 2023-May 2025  
Master of Science, Computer Science GPA: 4/4

**Jeppiaar Engineering College, Chennai, India** June 2016-September 2020  
Bachelor of Engineering in Computer Science and Engineering GPA: 8.27/10

## Professional Experience

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**Tata Consultancy Services, Chennai, India** March 2021-June 2023  
*MuleSoft Developer*

- Developed an event-driven application using MuleSoft for efficient Amazon SQS queue polling, email sending via HubSpot CRM, and transaction logging in MySQL.
- Collaborated closely with client's marketing team to ensure email template reusability and implemented Jinja logic for HTML table rendering.
- Adhered to industry-standard coding practices, maintained well-documented workflows using Microsoft Word, and consistently met project deadlines.
- Demonstrated expertise in RAML flow creation, Anypoint Platform deployment, and API security policy implementation and conducted internal knowledge-sharing sessions on MuleSoft (Mule 4)
- Utilized COBOL copybooks for EBCDIC encoded file generation compatible with mainframe systems.

**PeopleOne Technology Private Limited, Chennai, India** July 2019-February 2020  
*Full Stack Developer Intern*

- Acquired foundational skills in full-stack development and utilized fat-free framework to build applications.
- Conducted comprehensive UI testing to ensure precise data population in the frontend, resulting in a 10% reduction in bugs and collaborated with team members on feature development and bug fixes, contributing to project milestones.

## Technical Skills

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|-----------------------|-----------------------|--------------------|------------------------|
| • Python/Data Science | • MuleSoft (Mule 4)   | • Git              | • Cloud Computing      |
| • Java/C++/PHP        | • Django/Flask        | • GitHub/Bitbucket | • Agile & DevOps       |
| • MySQL/SQL Server    | • Spring boot         | • Jenkins          | • Web Development      |
| • MongoDB             | • Html/CSS/Javascript | • Docker           | • Automation & Testing |

## Projects

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- **Student Course Enrollment:** Developed Python code allowing students to enroll in courses without schedule conflicts. Serialized student information into objects, enabling efficient data processing and reducing reliance on a traditional database.
  - **Python with Jenkins:** Created a Python math utility function with extensive testing against predefined cases. Implemented a Jenkins pipeline synced with GitHub, automating testing upon each commit for seamless integration and delivery.
  - **Social App:** Created an Instagram-like model with Django, enabling core functionalities like feed posting, friend requests, and profile viewing.