

Tejas Maraliga

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EXPERIENCE

The Internship Initiative LLC.

Systems Developer & Vice President of Technology

Jan. 2020 – Present

Southborough, MA

Systems Developer

Jan. 2020 – Sep. 2020

- Single-handedly designed and implemented backend infrastructure for three enterprise products on Amazon Web Services.
 - Utilized services and technology such as REST, GraphQL, Amazon Cognito, Redis, DynamoDB, Amazon S3, Lambda, EC2, and Elasticsearch.
- Built Flask apps to serve three React web-apps while assisting with front-end development and backend integration.
- Created and managed deployment of applications through CI/CD pipelines.

Vice President of Technology

Sep. 2020 – Present

- Manage a team of three developers in a multi-account Amazon Web Services environment.
- Enforce DevOps practices such as Infrastructure as Code, unit and integration testing, CI/CD, and continuous monitoring.
- Run weekly code reviews with my team and other developers in the company ensuring code stability.

Scholastic Artificial Intelligence League Inc. (SAILEa Inc.)

May 2021 – Present

Competition Organizer

Southborough, MA

- Design and manage a React frontend for the [SAILEa Liftoff 2021 Programming and AI competition](#).
- Enabled problem submission, validation, and scoring primarily through AWS Lambda.
- Enabled AI submission, simulation, and scoring through Docker and ECS Fargate.

FIRST Robotics Competition Team 1100

Sep. 2016 – June 2020

Co-Captain

Northborough, MA

- Co-Managed a team of 40 students to design, construct, and operate a 120 lb. robot in six weeks.
- Led outreach events and recruitment campaigns resulting in a 60% percent increase in member registration and retention.
- Managed tasks and delegation through the Agile practice using tools such as Trello and Slack.
- Created [autonomous function, remote control, and image processing software](#) for the robot in Java.
- Contributed to design of robot through a collaborative Fusion 360 CAD project.

Awards

NE District Chairman's Award (Apr. 2020), NE District Engineering Inspiration Award (Mar. 2020), Dean's List Semi-Finalist (Mar. 2020), Innovation in Control Award (Mar. 2019), Autonomous Award (Mar. 2019)

EDUCATION

The University of Texas at Austin

Bachelor of Science in Chemical Engineering & Computer Science

Expected May 2024

Austin, TX

- GPA: 3.55/4.0

CERTIFICATIONS

[AWS Certified Developer-Associate](#)

Aug. 2021

Validation Number: 200XB5QLM2EQ105Q

SKILLS

Skills: AWS, Autodesk Fusion 360, Bash, Blender, C, CAD, Express.js, Flask, Git, GraphQL, Java, JavaScript, Jest, Jira, Linux, MongoDB, Node.js, OpenCV, Pytest, Python, React, Slack, Trello