

# PRABATH REDDY SAGILI VENKATA

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## OBJECTIVE:

Results-driven computer science professional pursuing a master's degree with practical experience in software development. Experienced in effective collaboration, providing timely feedback, and assisting with research projects. Strong problem-solving abilities and a passion for continuous learning. Aspiring to take on leadership roles and make a positive impact as an educator and lifelong learner in the field of computer science.

## EDUCATION:

### Master of Science in Computer Science

George Mason University - **Current CGPA: 3.89/4.0**

August/2022-May/2024

Fairfax, VA, USA

### Bachelor of Engineering in Computer Science and Engineering

Sathyabama Institute of Science and Technology - **CGPA: 8.93/10**

Aug/2017-Sep/2021

Chennai, TN, India

## EXPERIENCE:

### Developer Engineer

Comcast India Engineering Centre,

August/2021-July/2022

Chennai, TN, India

- Developed and implemented a software solution for internal use as a member of a software team using Angular.
- Resolved customer tickets using Groovy, REST APIs and Python while collaborating with SCRUM team.
- Worked with JIRA project tracking tool, and AWS services such as EC2, S3.

### Intern

Comcast India,

June/2021-August/2021

Chennai, TN, India

- Shadowed senior developers to gain insight into the operations.
- Learnt various tools and technologies such as AWS, REST API, Groovy and Python.
- Gained knowledge of industry-standard coding practices.

### Teaching Assistant

Sathyabama Institute of Science and Technology,

Jan/2020-December/2020

Chennai, TN, India

- Deliver a range of teaching and assessment activities including tutorials directed towards the delivery of subjects at undergraduate level.
- Apply departmental processes related to peer advising/mentoring.
- Support with faculty research projects; engage in literature searches.
- Participate in the assessment process and provide effective, timely, and appropriate feedback to students to support their learning.
- Assisted professor in preparing the class and served as a liaison between students and professor.

## PROJECTS:

### Full-Stack Student Survey Application

April/2023

George Mason University,

Fairfax, VA, USA

- Led a team of 4 in developing a full-stack application using Angular 2+ for the frontend and Spring Boot for the backend.
- Implemented RESTful web services and utilized JPA for data persistence.
- Developed a survey form for prospective students to provide feedback about campus visits and enabled viewing of all recorded surveys.
- Prepared and submitted a comprehensive package, including thorough documentation, source files, war file, and additional scripts.

### Enhanced Student Survey Form with JavaScript, Bootstrap, and Ajax

March/2023

George Mason University,

Fairfax, VA, USA

- Developed a web application using HTML5, CSS, JavaScript, Bootstrap, and Ajax to enhance the functionality and user experience of a student survey form.
- Implemented features such as a Bootstrap navigation bar for easy page navigation, integrating cookies for personalized greetings based on the time of day, computation of average and maximum values from user-entered data, form validation with error handling, and dynamic population of city and state fields based on entered zip codes using Ajax and JSON.
- Applied responsive design principles and incorporated the George Mason University color scheme.

## EXTRA-CURRICULAR ACTIVITIES:

### Team Building Panel, Member

July/2021

Comcast India,

Chennai, TN, India

- Coordinated and organized various team-building exercises and many corporate events at the workplace.

### Computer Science Club, Organizer

October/2017 – May/2021

Sathyabama Institute of Science and Technology,

Chennai, TN, India

- Organized several workshops for students.
- Conducted various hackathons.

## SKILLS:

**Programming and Scripting languages:** Python, C, C++, Groovy, SQL, HTML5, CSS, JS

**Tools:** Postman, AWS, MS Office, IntelliJ, PyCharm, VS Code, Unity, Unreal.

**Technologies:** Angular, Spring Boot, Ajax, RESTful web services, JPA

**Certifications:**

- **Python for Everybody** - a specialization course covering python topics.
- **Python Data Structures** – a data structure course on Coursera.
- **AI workshop** – Participated in an AI workshop held by MSME.

**Languages:** English, Telugu, Tamil