

# Venkata Satyanarayana Vara Prasad, Rajalingamgari

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## EDUCATION

### Oregon State University

Master of Engineering, Computer Science

Corvallis, Oregon

December 2022 (*anticipated*)

### Osmania University

Bachelor of Engineering, Computer Science

Hyderabad, India

May 2019

## WORK EXPERIENCE

### Software Engineer 1

Inmar Intelligence, India

June 2019 - November 2020

**Technologies:** *Python, Selenium, BrowserStack, Behave*

- Developed automation testing suites using selenium- python for web applications dealing with Louisiana State Electronic Benefit Transfer (EBT) Protocols
- Co-ordinated cross-browser and multi-OS testing for the UI applications
- Designed functional test cases using Microsoft Excel for a better user experience
- Analyzed database architecture and generated reports based on test results

### Student Research Intern

RCI (DRDO), India

September 2018 - April 2019

**Technologies :** *Python*

- Developed a ChatBot Assistant prototype for employees using Neural Networks, Deep Learning and Natural Language Processing
- Volunteered for the AWS Learning Challenge

## TECHNICAL SKILLS

**Languages:**

Python, JavaScript

**Web Technologies:**

HTML5, CSS, Bootstrap

**Database:**

MySQL

**Automation Tools:**

Selenium, BrowserStack, Behave

**Atlassian Tools :**

Jira, Confluence

**Version Control System:**

Git

## INTERESTS

- Fullstack Web Development, Cloud computing, Mobile App Development

## ACADEMIC PROJECTS

- **Key generation - Instant Messaging Security**  
Designed and developed an algorithm in Python to generate an authentication key using user credentials
- **ATM Security using Human-Computer Interaction Security**  
Developed an application in JavaScript to randomize the numeric pin grid to enhance security in the ATM's
- **Portfolio Webpage :**  
Developed a portfolio webpage using HTML, CSS and Bootstrap
- **Digital Clock**  
Developed a digital clock using JavaScript, HTML, CSS

## ACTIVITIES & ACHIEVEMENTS

- **Human Resource Student Assistant (*present*)-** Maintaining Student Employee data and ensuring confidentiality of all personnel, office, and employment records
- **Treasurer (*present*)-** Advise on the strategies towards the activities to be organized for student engagement in the Yoga Club at OSU in addition to handling the club finances.
- **Contingent Commander -** Lead a troop of 70 people twice, in a mass drill on the occasion of Indian Republic Day
- **Vice Chairman of IEEE-CS MVSREC** in 2019
- **Campus Ambassador - Entrepreneurship Cell, IIT-Bombay** in MVSREC from 06/2018 - 04/2019
- **International Black Belt** in Shotokan Karate