

# SOUNDARYA LAHARI VALIPE

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## EDUCATION

### Master of Science, Computer Science

08/2022 – 05/2024 | Orlando, United States

University of Central Florida, GPA: 3.917 out of 4.0

Teaching Assistant - Introduction to Programming in C, Computer Forensics II

### Bachelor of Technology, Computer Science

08/2016 – 08/2020 | Bengaluru, India

PES Institute of Technology, affiliated to VTU; GPA: 7.53 out of 10

Core courses: Web Technologies, Database Management Systems, Data Structures, Algorithms, Object Oriented Concepts, Machine Learning

## TECHNICAL SKILLS

**Programming Languages** - Python, C, Core Java

**Web Development Technologies** - HTML, CSS, JavaScript, PHP, Bootstrap, SQL, React, Node, Spring Boot, DevOps

**Databases** - MySQL, MongoDB

**Development Tools and Reporting** - Git, Bitbucket, JIRA and LaTeX

**Skills** - Object Oriented Programming, Data Structures and Algorithms, Problem solving, Machine Learning, NLP

## PROFESSIONAL EXPERIENCE

### Bosch Global Software Technologies

01/2021 – 07/2022 | Bengaluru, India

Associate Software Engineer

- Developed a Secure Asset Management System using React.js, optimizing industrial asset monitoring. Achieved a **40% faster data processing** by integrating the MERN stack which **enhanced system security** and **operational efficiency**.
- Utilized JavaScript, HTML, CSS, and Bootstrap to craft an **intuitive UI, boosting user satisfaction**.
- Streamlined project workflows with **Scrum and Agile methodologies** and adopted DevOps practices for **continuous integration and deployment**.
- Integrated external libraries strategically to enhance data visualization and management capabilities, contributing to **improved system functionality** and participated in **bug fixes**.

### Axiom Digital IT Solutions Pvt Ltd

01/2020 – 02/2020 | Bengaluru, India

Intern

- Developed a React and Firebase-powered finance management application, streamlining the tracking and analysis of over 1,000 transactions, leading to a **30% enhancement in application responsiveness**.
- Implemented dynamic, interactive charts for financial data visualization, significantly contributing to a **20% increase in new user registrations**.
- Leveraged advanced state management techniques with React to ensure **seamless user experience and efficient data handling** across the application.

### Epnosys Technologies Pvt Ltd

03/2019 – 04/2019 | Bengaluru, India

Intern

- Developed a React-based CRM App, serving over **1,000 users with enhanced customer data management**.
- Achieved a **25% reduction in data retrieval times** through RESTful API integration.
- Improved **app responsiveness** using Redux, contributing to **better user engagement**.

## PROJECTS

### Personal Portfolio using React

Developed a personal portfolio site using React JS, leveraging React hooks for state control and CSS modules for styling. Deployed on GitHub Pages, the project highlights my React ecosystem skills and web deployment savvy, designed to showcase professional achievements and projects.

### Employee details management system using React

Developed an Employee Management System with React.js, using React Hooks, Context API, and RESTful APIs for dynamic data management. Designed a responsive UI with Material-UI, showcasing scalable solution development.

### Subscription box management system using HTML, PHP, CSS and MySQL

An interface and database were created as a part of this project which are used to order monthly subscription boxes, pay for the boxes using PayPal and store customer records in the database.

## ACHIEVEMENTS

- AWS Certified Developer** – Associate
- Awarded the **"Rockstar Rookie"** for exceptional team participation, received the **"We Truly Appreciate"** accolade for extraordinary dedication, and recognized as a **"Standout Performer"** for superior problem-solving skills and pivotal contributions to team success.