

# Abhi Venkata Sri Krishna Devarayalu Anumanchi

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## EDUCATION

**George Mason University, MS in Computer Science** | Virginia, USA GPA: **3.61 / 4.00**

Aug 2023 - May 2025

Related Courses Work: Analysis of Algorithms | Database Management System | Object-Oriented Software Specification and Construction | Computer Systems-Fundamentals of Systems Programming

**MallaReddy Engineering College, B.Tech in Computer Science Eng** | Hyderabad, India GPA: **8.53 / 10** Aug 2019 - Jun 2023

Related Course Work: Data Structures | Java Programming | Operating Systems | Software Engineering | Compiler Design | Object Oriented Analysis and Design | Distributed Systems | Internet of Things

## SKILLS

Programming Languages	Python, C, C++, Java, Javascript, HTML, CSS, Data Structures(Java).
Frameworks & Libraries	Spring, Spring Boot, React JS.
Databases & Tools	Dockers, Git, Postman, Github, Mysql, Oracle.
Cloud Computing & Code Editors	Amazon Web Services (AWS), Eclipse IDE, VS Code.

## EXPERIENCE

**1Stop.ai/ Raise Digital, Web Development Intern** | Remote (India)

Nov 2021 - Jan 2022

- Designed and developed both a **Single Page and an Advanced E-Commerce Website**.
- Acquired comprehensive proficiency in **JavaScript, HTML and CSS** mastering essential programming paradigms including object-oriented, functional, and imperative styles, redesigned website layout and navigation, **resulting in a 15% increase in user satisfaction scores**.
- Showcased adeptness in version control systems like **Git**, enabling seamless collaboration and effective code repository management.

## PROJECTS

**Todo List-Full Stack (Java Stack)** | *Spring Boot, React JS, Mysql.*

Nov 2023 - Jan 2024

- It ensured a robust and efficient system. Leveraging **React Hooks** for streamlined state management, **Axios** facilitated seamless communication, **reducing latency by 18%** resulting in quicker data transfer and improved responsiveness for web application.
- To fortify user security, the implementation of **JSON Web Tokens (JWT)** provided robust authentication and authorisation mechanisms.
- Orchestrated a strategic initiative to optimise user engagement and task completion efficiency, integrating cutting-edge technologies and methodologies, **boasting a substantial 35% increase in user engagement** alongside a **notable 30% enhancement in task completion efficiency**.

**Credit Card Fraud Detection** | *AdaBoost and Majority Voting Algorithms.*

Oct 2022 - Jan 2023

- Directed the development of a sophisticated webpage and subpages to optimise fraud detection efficiency for targeted datasets.
- Applied advanced Java concepts including **JDBC, Servlets**, and front-end technologies to **enhance functionality and user experience by 10%**.
- This initiative yielded a notable **30% increase in fraud detection** accuracy by using hybrid methods which use **AdaBoost and majority voting methods**.

**Path Detection Robot** | *C language, Arduino IDE.*

Dec 2019 - Jan 2020

- Designed and implemented a path detection robot using Arduino and C language. The robot identifies obstacles, thereby **reducing collision incidents by 60%**.
- This innovation has practical implications, **particularly in real-time scenarios like vehicle navigation**, where it enables **timely speed adjustments upon obstacle detection**.

## CERTIFICATIONS

- AWS Cloud Practitioner
- Microsoft Technology Associate (core Java)
- NPTEL on Programming in Java **honoured (silver+ Elite) Medal**
- NPTEL on Data Structures and Algorithms using Java
- Hackerrank Java Programming Certification
- Hackerrank SQL Certification
- Coursera Java Programming (Duke University)