

# N.V.SIVA SAI KUMAR

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Portfolio : <https://sivasaikumar10.github.io/siva1/>

## Career Objective

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To secure a challenging position in a well-established organization where I can effectively contribute my technical skills, continue to grow both personally and professionally, and build a successful career in the field of Computer Science and Engineering.

## Education

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B.Tech in Computer Science Engineering  
Narsaraopeta Institute of Technology. CGPA 7.85  
Intermediate-MPC ,  
Viswabharathi Junior College, CGPA 9.63

**Narasaraopeta,Andhra pradesh**

May 2020 – May 2025

**Addanki,Andhra Pradesh**

June 2018 - June 2020

## Technical skills

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**Languages:** Java , Python,C

**Web Development:** HTML, CSS, JavaScript

**DataBases Management:** SQL,MYSQL

**Tools:** Ms-Office,Github,Git

## Internships

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### Front end Developer Intern

**June2023 -july2023**

*IBM SkillsBuild & Edunet Foundation (in collaboration with APSCHE)*

- Took part in a 6-week internship in Front-End Development, where I worked on real-time projects using HTML, CSS, JavaScript, and responsive design techniques.
- Designed and developed a personal portfolio website to display my work, focusing on clean structure, version control, and good UI/UX practices..
- Actively collaborated with mentors and teammates, improving my coding skills and gaining practical experience through IBM SkillsBuild training.

### Full Stack Developer Intern

**April-2024**

*SkillDzire/240 Hours*

- I Successfully completed a 240-hour Full Stack Java internship with SkillDzire and APSCHE, gaining practical experience in front-end (HTML, CSS, JavaScript) and back-end (Java, JDBC, Servlets) development.
- Built and deployed full-stack web applications using MVC architecture, connecting MySQL/Oracle databases, and solving real-world problems through hands-on project work.
- Strengthened skills in debugging, database management, and application deployment, with direct exposure to real-time tools and industry workflows.

## Projects

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### E-Commerce Website (Mini Amazon Clone)

**Tech :** Html , CSS Java , JDBC , MySQL.

- User registration and login with session handling.
- Product catalog with search and filter functionality.
- Shopping cart with add/remove/update quantity features.
- Checkout simulation with order confirmation , Admin panel for managing products and viewing orders.
- Connected to MySQL using JDBC for data storage and retrieval and Deployed on Apache Tomcat for local server execution.

## Android Malware Detection Using Genetic Algorithm based Optimized Feature Selection and Machine Learning

**Tech:** Python , Sk-Learn , Numpy , Pandas , Genetic Algorithm .

- Classified Algorithms : Support Vector Machine , Neural networks , Random Forest / Decision Tree.
- Developed an intelligent malware detection model for Android applications using Machine Learning and Genetic Algorithm.
- Implemented Genetic Algorithm for optimal feature selection to improve model performance and reduce computation.
- Evaluated and compared classifiers like **SVM**, **Neural Network**, and **Random Forest** on malware datasets.
- Achieved high accuracy in distinguishing between benign and malicious Android apps.
- Used data visualization and correlation analysis for feature engineering and performance insights.
- Ensured model robustness through training, testing, and cross-validation on real-world datasets.

### Certifications

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**Salesforce Developer virtual internship** -SmartInternz

- Learned salesforce tools like Apex,lightningcomponents,and database management

**Softskills&interview Readliness** – Nptel-IIT Madras

- Completed a 10hrs course focoused on communication,bodylanguage and interview techniques.
- Improved Verbal and non-verbal communications for technical/Hr rounds