

AGRA NAGA SIVA KUMAR

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Career Objective

A passionate and motivated MCA graduate eager to start a career in software development by applying strong programming and problem-solving skills to contribute effectively in a dynamic tech environment.

Skills

Programming Languages : Python, C, Java, JavaScript.
Backend : Node.js, Express.js.
Frontend : React.js, HTML, CSS.
Databases : SQL, MongoDB, Firebase.
Tools : GitHub, VS Code, Jupyter Notebooks, Linux Platforms.
AI and ML : TensorFlow, CNN, Random Forest.

Internships

- AI/ML Intern — Data Valley** April 2025 – July 2025
- Led the development of an AI system to detect COVID-19 using Python and TensorFlow, reaching a 98.38 percent accuracy rate.
 - Organized data using Jupyter Notebooks to test with multiple Machine Learning models, such as Logistic Regression and KNN.
 - Analyzed healthcare data using Deep Learning (CNN) to make diagnostic predictions for 1,000 plus data samples.
- Full Stack Developer Intern — Pragmatics** May 2024 – June 2024
- Developed fast web applications using React.js and Node.js, which improved loading speeds by 20 percent.
 - Created smooth data connections by adding REST APIs and making sure the apps work on 100 percent of mobile and desktop devices.
 - Managed code sharing and teamwork in a Linux environment using GitHub.
- Cybersecurity Intern — Techno Spark** December 2022 – April 2023
- Used secure coding rules to protect systems on Linux platforms, lowering security risks by 30 percent.

Education

- MCA (Master of Computer Applications)** 2023 – 2025
- P.B. Siddhartha College of Arts and Science **CGPA: 9.10**
- B.Sc. Computer Science** 2020 – 2023
- Andhra Loyola College **CGPA: 7.9**

Projects

- E-Commerce Platform** Built a multi-page store using React.js, Node.js and MongoDB that handles **50 plus product items** simultaneously.
- AI COVID-19 Detection System** Trained CNN and Random Forest models to identify anomalies in data with **98.38 percent accuracy**.
- Personal Portfolio Website** Created a responsive website using HTML, CSS, and JavaScript to show projects to **potential employers**.

Certifications

- IBM SkillsBuild: GenAI Data Analytics.
- AWS Cloud Practitioner Essentials.
- Google Analytics and Data Fundamentals.

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Agra Naga Siva Kumar