AGRA NAGA SIVA KUMAR

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PROFESSIONAL SUMMARY

Detail-oriented MCA graduate with a 9.10 CGPA. Strong skills in building scalable web applications and AI models using Python and React.js. Experienced in working with Linux systems and REST APIs to deliver high-impact technical features.

SKILLS

- **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, Scikit-learn, Random Forest.

PROFESSIONAL EXPERIENCE

AIML 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 2025)
- **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) — P.B. Siddhartha College (2023 – 2025) **CGPA: 9.10**
- **B.Sc. Computer Science** — Andhra Loyola College (2020 – 2023) **CGPA: 7.9**

PROJECTS

- **E-Commerce Platform** Built a multi-page store using React.js and Node.js 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.