CHITTI BOYINA ADITYA MANIKANTH SAI

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PROFESSIONAL SUMMARY

Computer Science Student | Tech Enthusiast | Future-Ready Developer

Aspiring Full-Stack Developer with hands-on experience in developing secure, scalable applications using Java, PHP and SQL/Postgres databases. Skilled in RESTful API's, Agile methodologies, and end-to-end product development. Adept at team collaboration, debugging, and version control. Seeking a challenging tech role to build impactful solutions

EDUCATION

Kalasalingam Academy of Research and Education, Krishnan Koil   **2022 – 2026**

Bachelor of Technology in Computer Science and Engineering (**CGPA** – 8.11/10.0)   **[*Virudhunagar, T.N.]***

Narayana Junior College, Vijayawada, A.P

Senior Secondary Education (**12th Grade**), **2020 – 2022** | Percentage: **75.6%**   **[Vijayawada, *A.P]***

WORK EXPERIENCE

Python Developer Intern | Mallikarjun Infosys | Kurnool, India   **Aug 2023 – Oct 2023**

- Automated backend processes using Python, reducing task completion time by 30%. Developed reusable modules to enhance internal tool efficiency. Gained hands-on experience with data processing, file handling, and API integration.
- Collaborated with a team of developers to debug scripts and improve system efficiency.
- Learned industry standards for writing clean, maintainable code and using version control (Git).

Tech Project Led || Awarcrown Corporations LLP | Remote (Project-Based)   **March 2025 – Present**

- Led development of a tech platform prototype involving web and mobile app development, using PHP, and PostgreSQL.
- Designed and implemented a custom security layer named Vanguard to simulate real-world authentication and data protection.
- Strengthened skills in project planning, and UI/UX collaboration.

SKILLS

- **Technical Skills:** Java, Python, PHP
- **Database Technologies:** MySQL, PostgreSQL
- **Other:** Git,JWT
- **Soft Skills**: Leadership, Team Collaboration, Strategic Planning, Problem Solving
- **Languages**: Telugu, Hindi, English

PROJECTS

Cat sight Algorithm (Research based Project)

- Designed a novel algorithm mapping numerical data to angles on a 360° circular plane for spatial visualization.
- Implemented an interactive pivot-centered targeting system for instant number-to-angle lookups with $O(1)$ queries.
- Optimized memory and performance can handle millions of data points in for AI, robotics, and gaming use cases.

Krits AI

- Fine-tuned a state-of-the-art AI language model to optimize responses for specific use cases.
- Worked on dataset curation, model training, and performance testing to enhance the model's relevance and precision.

Awarcrown (Website) – Awarcrown Corporations LLP

- Designed an interactive coding platform using PHP, MySQL, and JavaScript.
- Integrated user management and gamified challenges, leading to a 25% increase in user retention during testing.

CERTIFICATIONS

- Python developer – Mallikarjuna Infosys,2023
- Database Management Systems – *CodeChef,* 2024
- Design and Analysis of Algorithms – *CodeChef,* 2024