

KOLAMURI SAI PRAVEEN

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GitHub : <https://github.com/Praveenkolamuri>

Portfolio: <https://praveen-portfolio.netlify.app/>

EDUCATION

Godavari Global University

Computer Science in Cyber-Security (CSC); GPA: 7.66

ADITYA JUNIOR COLLEGE

Intermediate MPC; Marks: 891

N.N.M.C.H| School

CGPA: 9.0

Rajahmundry, India

2021 - 2025

Rajahmundry, India

2019- 2021

Rajahmundry, India

2019

SKILLS SUMMARY

Programming Languages: Basics of java, python

BackEnd : Jsp, JDBC , Rest Api

Web Technologies : Html, CSS

AI Tools : Hugging face , Generative AI

Database Tools : MySQL

Version Control : Git , GitHub

Cyber Security : Fundamentals

Frameworks : Angular , eclipse and Bootstrap

WORK EXPERIENCE

Intern | AIMERS (Artificial Intelligence Medical and Engineering Researchers Society)

May 2023 - July 2023

- Executed a cybersecurity-focused internship spanning 120 hours over 8 weeks.
- Investigated security vulnerabilities and implemented mitigation strategies.
- Contributed to projects involving threat modeling, network defenses, and encryption protocols.
- Explored AI-driven tools like Hugging Face for threat intelligence applications.

Intern | Tech Wing (JAVA FULL-STACK - HTML, CSS, Visual Studio)

Dec 2023 – May 2024

- Designed and developed full-stack applications using Java technologies.
- Coded dynamic front-end interfaces and integrated them with backend databases.
- Utilized Visual Studio Code and Eclipse for streamlined development.
- Applied debugging and testing techniques to ensure code reliability..

PROJECTS

Secure Private Cloud Storage and Sharing with Jetson Orin Nano | Technologies: Jetson Orin Nano, Linux, MariaDB, IDS

- Developed a private cloud system using Jetson Orin Nano with real-time access control managed via MariaDB.
- Integrated an intrusion detection system (IDS) and hardened Linux servers to monitor and block unauthorized access attempts.
- Co-authored and published research in Taylor & Francis showcasing AI hardware use in secure cloud architecture.
- [Published Paper](#)

Netflix Clone (Frontend Web Design) | Technologies: HTML, CSS

- Built a front-end Netflix homepage replica using HTML and CSS with cross-browser support, and adaptive design elements.
- Used semantic HTML5, Flexbox, and CSS Grid to structure UI elements like banners, thumbnails, and menus for a Netflix-style streaming interface.
- Optimized visual performance through image compression, lazy loading techniques, and clean reusable CSS classes
- [GitHub](#)

Registration Page – Backend Development | Technologies: Java, JDBC, JSP, Servlets, MySQL

- Developed a backend-driven user registration system using Java, JSP, JDBC, and Servlets, integrating MySQL for secure data storage and form processing.
- Implemented MVC architecture, optimized SQL queries, and applied input validation to enhance performance, modularity, and data protection..
- Added exception handling and error feedback mechanisms to defend against SQL injection and improve user experience.
- [GitHub](#)