

JULIUS B. THOMAS

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<https://juliusdude.github.io/my-portfolio-web>

SUMMARY

Aspiring Software Developer and AIML Engineer with strong problem-solving skills and a keen interest in Artificial Intelligence and Machine Learning. Proficient in Python and experienced in building clean, maintainable code for real-world applications. Quick learner with a solid foundation in computer science, actively exploring AIML concepts and modern technologies.

PROJECTS

BID (Blockchain Identification) System

- Built a Decentralized Identity System with Solidity for secure identity management on the Polygon blockchain.
- Used Zero-Knowledge Proofs to verify attributes without exposing details.
- Developed a Multi-Portal System with QR codes and smart contracts for easy verification.

GitHub Link: https://github.com/JuliusDude/BID_System_V1

Intituas AI

- AI-powered platform enabling natural language document querying with using Gemini API
- Built full-stack solution with React/Next.js, Node.js/Express, and encrypted cloud storage for secure document processing

Github Link: <https://github.com/Nevan1705/HCL/>

EduPro

- Developed a classroom automation app using React, Node.js, and Prisma/PostgreSQL.
- Secure Access Control: Implemented JWT-based RBAC to manage distinct Student, Lecturer, and Admin workflows.
- Academic Automation: Built functional modules for attendance tracking, assignment management, and user administration.

GitHub Link: <https://github.com/JuliusDude/EduPro>

EDUCATION

Bachelor of Technology in Computer Science and Engineering with AIML Jun 2024 - Apr 2028

Christ (Deemed To Be University), Bangalore

- CGPA - 3.87/4 (till 3rd Sem)
 - Specialization Artificial Intelligence and Machine Learning.
 - Pursuing Honors in Ethical Hacking
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ADDITIONAL INFORMATION

- **Programming Languages** : Python, Java, C, C++, SQL
- **Web Technology**: HTML/CSS, JavaScript, TypeScript
- **Databases**: MySQL, Oracle Database
- **Tools**: Visual Studio Code, Google Collab, Antigravity, Git, GitHub, Pycharm, Jupyter Notebook
- **Certifications**:
 - Swayam: Problem Solving through Programming in C, The Joy of Computing using Python
 - Udemy: Python Programming: A Practical Approach, Artificial Intelligence Principles, and Practices Part I
 - GeeksforGeeks: MERN Stack Bootcamp