

# JULIUS B. THOMAS

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

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## 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.

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## 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](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>

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## 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 3<sup>rd</sup> 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