

Andrew Blaze Pitta

+91 9182018920 andrewblaze2719@gmail.com linkedin.com/andrew-blaze github.com/andrew2719

Education

Vignan's Foundation for Science, Technology & Research <i>Bachelor of Technology, Computer Science and Engineering. Vadlamudi, Andhra Pradesh</i>	2021 - 2025 GPA: 8.51 / 10
Sri Chaitanya Junior Kalasala <i>Gudavalli, Andhra Pradesh</i>	Intermediate 97%
Dr. KKR's Gowtham School <i>Tenali, Andhra Pradesh</i>	10th Grade GPA: 10/10

Technical Skills

- **Programming Languages:** Python, Java, C++, C
- **Web Development:** HTML, CSS, JavaScript
- **Systems & Tools:** Linux (command-line driven), Docker
- **Frameworks & Automation Tools:** FastAPI, Django, IPFS, Shell Scripting, Pandas, ApeWorX
- **Databases:** MySQL, MongoDB, Redis
- **Version Control:** Git
- **Operating Systems:** Linux, Windows

Projects

- Organ Donation Registry** | *Blockchain, FastAPI, Streamlit, Python, Solidity* 2024
- Designed a decentralized donation platform using FastAPI as the backend and Streamlit for an intuitive frontend.
 - Enabled transparent donation tracking with immutable on-chain records for enhanced trust and accountability.
- Blockchain Voting System** | *Blockchain, ZK-Rollups, Merkle Trees, bitmap, Solidity, Python* 2024
- Built a blockchain-based voting system utilizing ZK-Rollups for off-chain computation and Merkle trees for verification.
 - Implemented bitmap-based voter verification.
- IPFS Simulation** | *Python, TCP/IP* 2023
- Simulated how IPFS works with python and our custom protocols
 - Automated the working mechanism with scripting
- Online Learning Platform** | *Django, HTML, CSS, JavaScript, SQLite* 2023
- Developed a full-stack web application for course creation and student enrollment with secure user authentication.
 - Implemented content management for educators to manage course materials efficiently.
- Other Projects:** BLEND, Association Rules Hiding

Publications

- Andrew Blaze Pitta, et al. *Footwear Classification Using Pretrained CNN Models with Deep Neural Network*. Proceedings of the 6th International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI – 2025). IEEE Xplore. **Indexed in Scopus**.
- Andrew Blaze Pitta, et al. *Machine Unlearning Using Iterative Pruning and Knowledge Distillation*. Submitted to SN Computer Science, Springer, 2025.

Technical Achievements

- CodeChef: 4-Star Coder
- CodeChef Starters(global) 104-Ranked 10th, 123-Ranked 40th
- HackerRank: 6 Stars in Algorithms
- Vignan Coding Contests: 1st Place
- RVRJC Hackathon 2025 : 3rd Place

Certifications

- AWS Cloud practitioner
- Programming Essentials in Python
- Certifications in C, Leadership and Team Effectiveness, AI in Investments, E-Business (NPTEL)

Leadership and Extracurricular Activities

- 3rd place, western instrumental solo, Nationals 2025, Amity University, Noida.
- 1st place , Western Instrumental Solo, SouthZone 2024, SRM Chennai.
- 2nd Place, Cultural Rally, South Zone 2023 Competitions, Andhra University
- Music Competitions Lead, Mahotsav (National Level Fest at VFSTR)
- Music Band Lead, VFSTR
- Organizer, Code Arena and UI Design Contest, VCODE (CSE Departmental Fest)
- Participant in Hackathons and Cyber Security Workshop at IIT Hyderabad