Artas Yaskar

Python & AI Developer | Electrical Engineering Student

✉ artasyaskar@gmail.com — ⚙ GITHUB — 🌐 PORTFOLIO
📞 +92 342 6386433 — 📍 Lahore, Pakistan

Profile

Motivated and self-taught developer combining a background in Electrical Engineering with a passion for Artificial Intelligence, automation, and full-stack development. Skilled in building CLI-first frameworks, deploying NLP pipelines, and creating engaging software projects. Strong focus on clean code, problem-solving, and designing user-friendly experiences. Open-source contributor with growing expertise in simulation systems and cybersecurity tools.

Key Projects

- **CLI Arena Ecosystem** | Multi-Stack Simulation Platform Created a unified CLI environment across Web (Next.js), Mobile (React Native), Go (DevOps), Unity (GameDev), and FastAPI (ML). Built to benchmark and train developer problem-solving skills.

- **Bible AI Summarizer** | NLP + FastAPI REST API generating multilingual summaries with contextual insights and historical references. Backend optimized with FastAPI for scalability.

- **Cyberwatch** | Security CLI Framework Python-based log parser and anomaly detection tool with customizable rules. Designed lightweight for quick cybersecurity prototyping.

- **3D Dino Game** | JavaScript + WebGL 3D endless runner with collision detection, scaling difficulty, and responsive dark UI.

- **Portfolio Website** | HTML + CSS + JS Fully responsive dark-mode personal portfolio featuring GitHub integration and interactive design.

Technical Skills

- **Languages:** Python, JavaScript, Go, HTML/CSS, Shell, SystemVerilog, LaTeX

- **Frameworks:** FastAPI, Flask, React Native, Unity

- **Libraries:** NumPy, Pandas, OpenAI API, Requests

- **Tools:** Git, Docker, REST APIs, VSCode, Overleaf

- **Core Strengths:** CLI Systems, NLP Pipelines, Simulation, DSA Problem-Solving

Education

BS Electrical Engineering — *In Progress (Expected 2027)*
University of Engineering and Technology (UET), Lahore, Pakistan

Achievements

- Built and published 10+ open-source projects spanning AI, security, and game development.

- Designed algorithmic challenges in graph theory, simulation, and advanced DSA.

- Created cross-platform CLI-first frameworks running on Web, Mobile, and Desktop.

- Gained recognition on GitHub for innovative AI and DevOps projects.

Interests

Artificial Intelligence | Cybersecurity Automation | Simulation Systems | Clean UI Design | Open-Source Projects