Artas Yaskar

AI-Powered Python Developer | Electrical Engineering Undergrad

artasyaskar@gmail.com | GitHub: artasyaskar | Portfolio
Remote | +92 342 6386433 | Based in Pakistan

About Me

Self-driven and faith-rooted AI engineer with strong command over Python, full-stack dev, and real-time CLI systems. Creator of simulation-heavy, algorithmic problem-solvers, cybersecurity tools, and Bible-based AI pipelines. Strong focus on user experience (UX), cross-platform deployment, and automation. Known for building "ultra-hard" DSA problems, clean dark-mode UIs, and multilingual-ready ML projects.

Highlighted Projects

- **CLI Arena Ecosystem | Multi-Platform (2025)**
  CLI-based simulation + game environment built in multiple stacks: Shell (Web), React Native (Mobile), Go (DevOps), Unity (Gamedev), and FastAPI (ML). Unified interface for testing developer skills. *[Repos: cli-arena-web-nextjs, cli-arena-devops-go, cli-arena-mobile-expo, cli-arena-ml-fastapi, cli-arena-gamedev-unity]*

- **Bible Summarizer API | NLP + FastAPI**
  Full-stack REST API that generates multilingual AI summaries from Bible verses. Includes scene summarization, historical context, and archaeological hints. *[Repo: bible-summarizer-api]*

- **Cyberwatch | Security CLI Framework**
  Lightweight Python CLI tool for parsing logs, detecting threats, and reporting anomalies. Custom rules engine and alert dashboard. *[Repo: cyberwatch]*

- **3D Dino Game | JS Web Game**
  Endless runner dinosaur game built in JavaScript with 3D visuals. Includes collision detection, speed scaling, and dark UI themes. *[Repo: $3D_DinoGame$]*

- **Portfolio Website | Static HTML + CSS + JS**
  A personal portfolio with responsive dark UI, interactive elements, and live GitHub links. *[Repo: $my_portfolio.website$]*

Technical Skills

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

- **Frameworks:** FastAPI, Flask, React Native (Expo), Unity

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

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

- **Specialties:** CLI Systems, NLP Pipelines, Multilingual UX, DSA Engineering

- **Soft Skills:** Analytical Thinking, Clean Code, Remote Collaboration

Education

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

Achievements

- Created over 10 large-scale GitHub projects across AI, games, security, and mobile/web apps.

- Published ultra-hard DSA problems involving simulation, tree traversal, and edge-graph logic.

- Built CLI-first frameworks that compile across Web, Mobile, and Desktop (Go + Python + Shell).

- Developed multiple ML pipelines with REST API wrappers for real-world deployment.

- Earned GitHub stars for open-source CLI arena, ML app, and DevOps prototypes.

Passion Areas

AI for Faith | Cybersecurity Automation | Clean UI Design | Grid-Based Simulation | Evangelical Coding | CLI-First Apps