

Ayra

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Profile Summary

Multidisciplinary freelancer with expertise in Quantum Computing, AI/ML, Cybersecurity, Web App Development, LLMs, and Neuroscience. Passionate about building impactful and future-forward tech solutions. Proficient in both academic research tools and full-stack implementation environments.

Technical Skills

- **Languages:** Python, Java, C, C++, C#, JavaScript, GoLang, SQL, Ruby
- **Web/App Dev:** HTML, CSS, Node.js, React.js, Flask, Frontend, Backend
- **AI/ML:** Scikit-learn, TensorFlow, Deep Learning, NLP, GANs, Data Science
- **Quantum:** PennyLane, Xanadu, Qiskit, Quantum Finance, Quantum Algorithms
- **Cybersecurity:** Kali Linux, Cryptography, Ethical Hacking, Secure Protocols
- **Other Tools:** Git, VSCode, Excel, Google Sheets, LaTeX, WebSockets
- **Domains:** Neuroscience, Astrophysics, Cosmology, Robotics, Optimization

Certifications

- **International Quant Championship (IQC)** – Certificate of Completion
- **MIT OpenCourseWare** – Quantum Physics, Artificial Intelligence
- **Harvard University (edX)** – CS50: Introduction to Computer Science
- **Stanford University (Online)** – Machine Learning by Andrew Ng
- **Google (Coursera)** – Advanced Data Analytics, Cybersecurity
- **NPTEL (Ongoing)** – Courses in Quantum Computing, Robotics, AI, Cybersecurity

Freelance Project Capabilities

- **Quantum-Secure Chat App:** Qiskit + Python + Flask/Node.js + WebSockets.
Skills: Quantum Computing, Cryptography, Cybersecurity, Python, Full-stack Dev
- **Quantum GAN for Image Generation:** PennyLane + TensorFlow.
Skills: PennyLane, GANs, Deep Learning, Quantum Circuits
- **AI-based Code Plagiarism Detector:** Python + Flask + LLM/NLP models.
Skills: LLM/NLP, AI/ML, Backend Dev, Semantic Analysis
- **Astrophysical Phenomena Simulator:** React.js + Python + Three.js.
Skills: Astrophysics, Visualization, React, Applied Math
- **Autonomous Robot with Emotion Recognition:** OpenCV + TensorFlow + Arduino.
Skills: AI/ML, Robotics, Embedded Systems, Python, C++
- **AI-Powered Phishing Detector for Gmail:** React + Gmail API + TensorFlow.
Skills: Cybersecurity, AI/ML, NLP, Extension Dev
- **Quantum Portfolio Optimizer:** PennyLane/Qiskit + yFinance.
Skills: Quantum Finance, Optimization, Applied Math, Python
- **AI Career Path Advisor:** Flask + GPT-4 API + Data Science.
Skills: LLMs, Web Dev, AI/ML, Clustering
- **Brainwave Emotion Mapping:** EEG datasets + TensorFlow.
Skills: Neuroscience, Deep Learning, Python

- **Data Privacy Dashboard:** React + API + Static Analysis.
Skills: Cybersecurity, Frontend Dev, Data Science, Privacy Compliance

Projects (To be Added)

- *[Project Title]* – [You can describe your projects here when ready.]
- *[Project Title]* – [Describe objective, tech stack, and achievements.]

Availability

Available for freelance and contract work in:

Quantum Computing, AI/ML, Cybersecurity, Web App Development, Data Science, Scientific Simulations.