

Omer Toqeer

Full-Stack & AI Engineer

Lahore, Pakistan | Open to remote work worldwide

cwomer.ai@gmail.com | +92 334 4662497 | cwomer.com

PROFILE

Software engineer with **3.5 years of experience** building web platforms, backend APIs, React Native apps and AI-powered tools. Work spans requirements, architecture, implementation and deployment for international clients. Combines hands-on product delivery with experience in data science, engineering mentorship and health-tech.

TECHNICAL EXPERTISE

Web & mobile: TypeScript, JavaScript, React, Next.js, React Native, MUI, Flutter

Backend & data: Node.js, Express, Python, Django, Flask, REST APIs, MongoDB, Firebase, SQL

AI & automation: OpenAI API, RAG, vector search, NLP, Pandas, scikit-learn, TensorFlow, PyTorch, Selenium

Delivery: Git, Postman, Figma, API integration, role-based access, technical documentation

PROFESSIONAL EXPERIENCE

Data Scientist / Software Engineer | Sep 2023 - Present

Glowingsoft Technologies | Lahore

- Develop AI, analytics and automation solutions; translate business requirements into backend services, data pipelines and application features.
- Coordinate delivery across requirements, implementation and deployment, with an emphasis on maintainable APIs and usable workflows.

Data Scientist | Jun 2023 - Sep 2023

Glowingsoft Technologies | Lahore

- Led an eight-week remote internship for 400+ students, preparing learning modules and providing technical mentorship.
- Built a transportation recommendation system and ETL workflows using Python and the scientific data stack.

Health-tech product development | Jun 2025 - Dec 2025

CarelineOS | LCE - LUMS, Pakistan

- Co-founded a digital health platform and developed Node.js/MongoDB services, role-based access and a React/MUI frontend for hospital workflows.

AI Lab Demonstrator | Jan 2025 - Jun 2025

FAST-NUCES | Lahore

- Supported practical machine learning labs covering TensorFlow, PyTorch and scikit-learn.

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SELECTED ENGINEERING WORK

CarelineOS | Digital health platform

React, MUI, Node.js, MongoDB

Built workflows for appointments, patient records and role-based access across hospital staff, doctors and patients. Developed backend APIs and secure communication flows.

[View project on cwomer.com](#)

RingCascade | Call-center automation

React, MUI, Django, Twilio

Implemented campaign management, user assignment and call-routing workflows, connecting a self-service admin interface to backend APIs.

[View project on cwomer.com](#)

OnboardRail | Mobile platform

React Native, Firebase, Figma

Delivered a mobile frontend from wireframes through integration, including authentication, Firestore data flows and offline/online synchronization.

[View project on cwomer.com](#)

TallyPocket | Offline business ledger

React Native, local storage, Google Drive API

Built expense, item and transfer workflows for local businesses, with persistent offline records and cloud backup integration.

[View project on cwomer.com](#)

GraphAsk | Knowledge-grounded AI assistant

Python, Node.js, OpenAI API, RAG

Built retrieval-based question answering over a knowledge graph, connecting entity relationships to assistant responses and backend application services.

[View project on cwomer.com](#)

EDUCATION

BSc Data Science | FAST-NUCES, Lahore | 2021 - 2025

Final-year project: DataLoom - data preparation, visualization, machine learning and an interactive Streamlit interface. Awarded A+.

CERTIFICATIONS & FURTHER LEARNING

Technical Project Management; Business Model Innovation; Modern Web Scraping with Python; Machine Learning A-Z: AI, Python & R.

EXPLORE MORE

Selected work: cwomer.com/projects | [GitHub: cwomerai](#) | [LinkedIn: cwomerai](#)