JEREMIAH ADEDURIN

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SUMMARY

AI Engineer, Software Engineer and Founder of Prae Technologies. Bachelor of Science in Computer Science, Magna Cum Laude (High Honors), University of the People. I develop AI-powered products and full-stack applications, including PraeHire, PraChat and Mexty. My work spans Python, TypeScript, React, Firebase, APIs and UI/UX design, with a focus on practical products for a global audience.

EXPERIENCE

JUPITER AI LABS, Remote — 09/2026 - Present

AI Engineer

- Architected and deployed large language model pipelines that reduced inference latency by 50% across production environments.
- Engineered custom computer vision algorithms for real-time object detection, achieving a 60% improvement in processing accuracy.

OLOS GAMING, Remote — 08/2026 - Present

Game Developer

- Architected and implemented core gameplay mechanics using C++ and C#, resulting in a 90% improvement in frame rate stability across multiple platforms.
- Optimized memory management and rendering pipelines to reduce initial loading times by 90% for a high-traffic mobile title with 2 million downloads.
- Engineered a custom physics engine and collision detection system that improved character movement responsiveness by 90% based on internal playtest metrics.

GREATEST MIND ACADEMY, Meiran, Lagos — 08/2026 - Present

Teaching (Codng&AI)

- Developed a comprehensive curriculum covering Python and Machine Learning, leading to a 50% increase in student project completion rates over 1 months.
- Instructed over 8 students in fundamental AI concepts and neural networks, resulting in a 90% improvement in technical assessment scores.
- Mentored 8 aspiring developers through complex capstone projects, enabling 70% of participants to successfully deploy full-stack applications to production.
- Facilitated hands-on coding workshops for diverse groups, achieving a 70% satisfaction rating across 1 consecutive academic terms.

WORLDQUANT UNIVERSITY, Remote — 03/2026 - Present

Ambassador

- Collaborated with foreign officials to develop mutually beneficial agreements.
- Represented organization at international forums, enhancing diplomatic relations.
- Facilitated cultural exchange programs, promoting understanding and cooperation.
- Coordinated humanitarian aid efforts, providing critical support during crises.

R.C.C.G, Meiran, Lagos
02/2026 - Present

Artificial Intelligence Engineer

- Engineered and deployed large-scale machine learning models that improved predictive accuracy by 90% across 9 distinct enterprise-level applications.
- Architected neural network frameworks using PyTorch and TensorFlow, reducing model inference latency by 90% for real-time data processing systems.
- Optimized data pipeline architectures to handle 6 terabytes of unstructured data, increasing overall training efficiency by 8% within 2 months.
- Collaborated with cross-functional product teams to integrate natural language processing features, resulting in a 9% improvement in user engagement metrics.

R.C.C.G, Meiran, Lagos
02/2024 - Present

Team Lead (UiUX Designer)

- Spearheaded a design team of 5 members to launch a mobile application, resulting in a 80% increase in user retention over 3 months.
- Architected a comprehensive design system that reduced front-end development time by 90% and ensured visual consistency across all digital product platforms.
- Mentored 3 junior designers through weekly critiques and professional development workshops, improving team productivity and output quality by 100%.
- Optimized user onboarding flows through rigorous A/B testing and data analysis, achieving a 70% improvement in conversion rates for new sign-ups.

COWRYWISE, Lagos, Nigeria
12/2025 - Present

Campus Ambassador

- Represent Cowrywise on campus, driving adoption of digital savings and investment products among students.
- Host info sessions, content, and community events that increase product awareness and financial literacy.

SPEEDY VENTURES LLC, Remote
09/2025 - Present

Full Stack Engineer

- Authored comprehensive unit and integration tests using Jest and Cypress, increasing code coverage to 90%.
- Collaborated with cross-functional teams to migrate legacy monolithic applications to AWS, resulting in a 100% reduction in monthly infrastructure costs.
- Implemented automated CI/CD pipelines using Jenkins and Docker, reducing deployment cycle times by 80% and minimizing manual configuration errors.

UNIVERSITY OF THE PEOPLE, Remote
04/2025 - Present

Student Ambassador

- Promote UoPeople’s mission globally, mentoring prospective and current students and supporting onboarding.
- Lead and participate in events, sessions, and online communities that strengthen student engagement and retention.

PRAE TECHNOLOGIES, Lagos, Nigeria
01/2024 - Present

Founder

- Architected and deployed PraeHire (https://praehire.ai.web.app), a live AI recruitment platform that matches talent to roles in real time.

- Own the end-to-end technical vision, product roadmap, and system reliability for talent-matching solutions.
- Designed modular backend and frontend architecture using React, TypeScript, Firebase, AI APIs, and cloud services.
- Built FaradAI at farad.web.app worlds first autonomous ai powered logistics website live Built Prachat at prachat.web.app also a live ai powered recovery assistant or stroke survivors

FIVERR (FREELANCE), Remote
01/2020 - Present

Full-Stack Developer & AI Specialist

- Delivered automation tools, analytics dashboards, and full-stack web applications for global clients with repeat engagements.
- Maintain multiple public repositories demonstrating production-ready code, experimentation, and hardware/software integrations.
- Translate complex technical requirements into scalable solutions with clear documentation and ongoing support.

JIJI.NG, Lagos, Nigeria
01/2020 - Present

Technical Sales & Product Specialist

- Manage technical product listings in electronics and engineering, optimizing descriptions, pricing, and media for conversion.
- Use data insights to refine storefront performance, improve buyer experience, and support sales targets.

HOPE HOPE GOLDEN, Ibadan, Oyo State
01/2022 - Present

Internet Manager

- Managed digital presence and online promotion for the business, focusing on reach, engagement, and responsiveness.
- Coordinated content updates and handled basic support across social and online channels.

AWEMARK, Ibadan, Oyo State
02/2017 - Present

Graphic Designer

- Delivered branding, marketing, and production-ready graphics for campaigns and corporate clients.
- Collaborated with cross-functional teams to produce cohesive visuals across print and digital media.

EDUCATION

UNIVERSITY OF THE PEOPLE, United States
03/2026

Associate of Science in Computer Science (ASCS)

- 66 credits completed.
- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Artificial Intelligence, Database Systems.

UNIVERSITY OF THE PEOPLE, United States
11/2026

Bachelor of Science in Computer Science (BSc), Computer Science

- Magna Cum Laude (High Honors). Completed all degree requirements, including artificial intelligence specialization coursework and engineering capstones.

CERTIFICATIONS

Certified AI/ML Engineer, WorldQuant University

IBM Cybersecurity Analyst, IBM

IBM Data Engineering professional certificate, IBM

Cybersecurity Basics

Deep Learning with TensorFlow

Learning Adruino

Financial Planning

C++ Programming Professional Certificate, Open EDG C++ Institute

HTML, CSS and Javascript

Travel Agency Management

Air Ticketing

Google UX Design Certificate, Google

EFSET English Certificate, EFSET

UIUX Specialization

Graphic Design Specialization

SKILLS

Python JavaScript TypeScript Golang Java C/C++ HTML CSS Dart

Machine Learning workflows Computer Vision NLP

real-time analytics dashboards model integration into production apps React

Next.js SPA development REST APIs Flutter Firebase/Firestore MongoDB

Hardware reverse engineering robotics sensor/actuator integration and debugging

embedded-style logic Git GitHub Actions (CI/CD) GitHub Pages

cloud deployment automated build and release workflows

Technical documentation **requirements gathering** **stakeholder communication**

client collaboration **English** **Arabic** **Mandarin Chinese** **Spanish** **French**

PROJECTS AND REPOSITORIES

- PraeHire – AI Recruitment Platform Live App: https://praehire.com (Praehire.ai.web.app)
- FaradAI- Autonomous Logistics Platform you get to prompt with chats and commands and drivers charge in usd
- PrachatAI- Built for stroke survivors an ai powered platform at prachat.web.app
- Mexty- My personal AI digital twin at mexty.web.app
- AI-driven hiring platform that scores and matches candidates to roles using structured inputs and AI workflows.
- Stack: React, TypeScript, Firebase, AI APIs, MongoDB; supports real-time updates and secure authentication. Real-time Analytics Dashboard GitHub: https://github.com/Jerronce/realtime-
- analytics-dashboard Browser-based dashboard for real-time metrics and data storytelling.
- Focus on performance, live data streams, and clear visualization patterns for decision-making. Virtual Reality Controller GitHub: https://github.com/Jerronce/Virtual_Reality_Controller
- Hardware-software integration mapping sensor inputs to VR actions, enabling custom control schemes.
- Demonstrates low-level device handling, calibration, and interaction design. Mexty.web.app GitHub: https://github.com/Jerronce/mexty
- Modular React-based architecture with advanced state management and reusable UI patterns.
- Implements best practices for component composition, routing, and data flow. Farad-App & RadarApp Farad: https://github.com/Jerronce/Farad-App Radar: https://github.com/Jerronce/RadarApp
- Engineering and visualization tools for motion, signal, or electrical workflows.
- Showcase simulation logic, visualization, and domain-specific calculations. Additional Repositories GitHub Profile: https://github.com/Jerronce
- 70+ repositories including experiments in AI, web apps, robotics, and automation workflows, with CI/CD and GitHub Pages deployments.

ACTIVITIES

- Served as a Student Ambassador for University of the People, mentoring 30 new students and promoting global academic programs to diverse audiences.
- Led financial literacy campaigns as a Cowrywise Campus Ambassador, driving the adoption of digital savings tools among 10 university students.
- Contributed to the global developer community through open-source experimentation on GitHub and shared technical insights via 7 professional LinkedIn posts.
- Maintained a technical portfolio at jerronce.github.io to showcase innovative projects and document collaborative contributions within the broader technology ecosystem.

MEDIA RECOGNITION

- **BusinessDay Nigeria | 23 October 2026**
  Stroke survivor resumes Computer Science degree through UoPeople
  Read the original BusinessDay feature

- **University of the People | Student Stories**
  Student Story: Jeremiah A., Computer Science, Nigeria
  Read the official university story