

YUNIK YUROIDAH

Full-Stack Software Engineer & Automation Specialist

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Engineer and Automation Specialist (GPA 3.94/4.00) with a proven track record of transforming manual, bottlenecked business processes into scalable, production-ready digital systems. Experienced in owning the complete software development lifecycle — from cross-platform mobile and web applications to AI-powered automation pipelines and cloud-integrated back-end architecture — for government, corporate, and education-sector clients. Adept in React, Flutter, Firebase, and Generative AI integration (Google Gemini), with a consistent record of leading projects from concept to deployment. Seeking a remote software engineering role to deliver measurable business impact for global teams.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, PHP, Python, Java, Dart, React, Flutter, Laravel, CSS, Tailwind CSS

Backend, Databases & APIs: MySQL, Firebase (Authentication & Firestore), RESTful API Design & Integration, WhatsApp API

AI & Automation: Google Gemini AI, Machine Learning Fundamentals, AI Face Recognition, Workflow Automation (n8n)

DevOps & Tools: Docker, Git, Postman, Linux VPS Deployment, Google Cloud Platform

PROFESSIONAL EXPERIENCE

Team Lead & Full-Stack Developer | Smart Attendance AI System · PT Berkah Karya Mansyur 2026 – Present

- Led architecture and end-to-end delivery of an enterprise attendance ecosystem consisting of 3 interconnected mobile applications (Employee, Portal, Core) serving 5 distinct user roles, replacing error-prone manual tracking with a fully digital workflow.
- Increased verification accuracy by designing and deploying an AI-powered Face Recognition engine combined with real-time GPS tracking, hosted on a production Linux VPS.
- Strengthened the system by implementing a tree-structured employee status mapping and hierarchical approval workflows for performance reviews, leave requests, and overtime submissions, along with automated brute-force attack protection.

Tech Stack: React, Flutter, Firebase, AI/Face Recognition, Linux VPS, GPS Tracking

Team Lead & Full-Stack Developer | Corporate Web & Mobile CMS · PT Berkah Karya Mansyur 2026

- Directed the design and launch of an integrated digital ecosystem comprising a corporate landing page, subdomain-based CMS, and synchronized mobile application to modernize operational infrastructure.
- Accelerated prospective client acquisition by integrating a WhatsApp API gateway into the landing page, enabling instant communication, consultation, and booking.
- Developed a web-based CMS for dynamic database management, integrated with a super-admin mobile application to oversee booking management and hold final-level security authorization control.

Tech Stack: React, Flutter, WhatsApp API, CMS Architecture

Automation Engineer Intern | Dinas KBPPA, Gresik Regency Government Jan 2026

- Digitized traditional government bureaucratic workflows by independently architecting "Workspace PPA," a full-stack internal automation platform.
- Engineered a Dynamic Document Generator that automatically captures form input and outputs standardized .docx and .xlsx reports, significantly reducing manual administrative processing time.
- Owned the complete development lifecycle — database architecture, UX flow, and backend business logic — and led cross-functional QA testing prior to deployment.

Tech Stack: Full-Stack Web Development, Document Automation (.docx/.xlsx), Database Design

Team Lead & Developer | SamiraTourLink · PT Samira Travel 2025

- Designed a travel management platform integrating a React web dashboard and Flutter mobile application to bridge direct interaction and service delivery between tour leaders and prospective clients.

- Implemented Firebase Authentication and Firestore to ensure secure, zero-latency data synchronization, engineered against established scalability and complexity benchmarks.

Tech Stack: React, Flutter, Firebase Authentication, Firestore

Team Lead & Developer | RA Ar-Roudloh School Management System 2024

- Built a localized desktop data-management system that streamlined daily academic operations through automated finance reporting and dynamic class scheduling.
- Integrated RFID hardware logic for seamless student and staff attendance tracking, backed by a secure role-based access control (RBAC) architecture.

Tech Stack: JavaFX, Desktop Application Development, RFID Integration, RBAC

LEADERSHIP & RECOGNITION

Google Student Ambassador (GSA) | Google April 2026 – Present

- Selected as 1 of 2,000 candidates from a nationwide applicant pool of 81,000 (top ~2.5%) to represent Google on campus.
- Lead technology-adoption initiatives, bridging the academic community with Google's professional ecosystem through targeted workshops and technical training sessions.

Exclusive Digital Writer | GoodNovel (Singapore) & CyanBird (USA) 2024 – Present

- Authored and published three long-form English-language novels — two completed titles with GoodNovel Singapore and one ongoing series with CyanBird USA — while maintaining a full-time engineering degree.
- Demonstrates strong professional English writing fluency, cross-cultural communication, and disciplined time management across concurrent international commitments.

EDUCATION

Bachelor of Applied Science (D4), Informatics Engineering | Jember State Polytechnic 2024 – Present

GPA: 3.94 / 4.00

PUBLICATIONS & CERTIFICATIONS

- Publication: "Quality Analysis of JavaFX-Based Parking System Desktop Application Using ISO/IEC 25010 Model" — JICTECH Journal (2026).
- Copyright: Desktop Application "RA Ar-Roudloh" — registered with the Ministry of Law and Human Rights of the Republic of Indonesia (Kementarian Hukum dan HAM RI), Nov 2025.
- Generative AI Specialization — Google Cloud (2026).
- Artificial Intelligence Fundamentals — IBM (2025).
- Mastering the Art of Prompting & Supervised Machine Learning — IBM (2025).