

RHESA TSAQIF ADYATMA

Software Developer | Full-Stack & Mobile Developer

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Malang, East Java, Indonesia, 65145

SUMMARY

Informatics Engineering student at Universitas Brawijaya with a strong focus on full-stack web and mobile development. Experienced in building modern web applications using React.js, Next.js, and ElysiaJS, as well as mobile applications using Kotlin and Jetpack Compose. Passionate about clean architecture, maintainable code, responsive user experiences, and delivering production-ready software through effective collaboration and problem-solving.

EDUCATION

Universitas Brawijaya	Malang, East Java
Bachelor of Informatics Engineering, Faculty of Computer Science	August 2023 - Present
- GPA: 3.93/4.00 - Organizations: Raion Community, OPTIK Photo & Design, MGM Laboratory - Relevant Courses: Web Development, Mobile App Development, Software Engineering, Object-Oriented Programming	
SMAN 1 Talun	Blitar, East Java
Natural Sciences (MIPA)	July 2020 - May 2023
- Organizations: PMR Praja Wira SMANTA, Lensaturation Photography - Ranked 1st in Natural Sciences track and National Science Olympiad (OSN) participant	

EXPERIENCE

Ariverse Studio	Malang, East Java
Full-Stack Developer Intern	June 2026 - Present
- Developed a responsive wedding tools timeline using TanStack Start and Zustand for task categorization and bulk actions. - Architected authentication workflows using ElysiaJS and BullMQ for email verification and partner invitation flows. - Engineered 25+ type-safe REST API endpoints using Drizzle ORM and Eden Treaty with transactional database operations.	
PT Edukarir Global Nusantara (Linkupcareer.id)	Jakarta, Indonesia
Software Engineer Intern	April - August 2026
- Enhanced the Linkupcareer.id platform through skeleton loading, Framer Motion animations, and responsive improvements. - Implemented structured data to improve search and AI engine discoverability through Generative Engine Optimization (GEO). - Refactored data-driven components to improve code maintainability, scalability, and consistency across the platform.	
Multimedia, Game, and Mobile Laboratory FILKOM UB	Malang, East Java
Mobile Research and Development Staff	March 2026 - Present
- Contributed to mobile application discussions, research, and development using Flutter within the laboratory. - Served as a laboratory teaching assistant for mobile application development, assisting students during practical sessions. - Represented MGM in product exhibitions, presenting lab projects including mobile apps, websites, games, and VR devices.	
Raion Community – Infrastructure Technology Unit	Malang, East Java
Lead Front-End Web Developer	January 2026 - Present
- Led front-end development for website enhancement, collaborating with cross-functional teams under an Agile workflow. - Built admin Content Management System (CMS) dashboard for event management, including CRUD and API integration. - Developed a Form Management System for creating and editing forms, managing fields, viewing responses, and registration.	
Laboratory Assistant of Database Systems FILKOM UB	Malang, East Java
Laboratory Teaching Assistant	February - June 2025
- Assisted in conducting database laboratory sessions using Microsoft SQL Server while supporting practical learning activities. - Guided 43 students in understanding relational database concepts, SQL fundamentals, and query implementation. - Designed enrichment tasks and practical exams, and evaluated students' SQL queries and database designs.	

PROJECTS

Raion Community Official Website	January 2026 - Present
- Developed a dynamic website using Next.js and TypeScript, transforming a static portfolio into a centralized community hub. - Implemented fluid scroll animations with Framer Motion and ensured a fully responsive UI using Tailwind CSS. - Engineered an admin CMS to consume REST APIs, enabling CRUD operations for event management and data integration.	

OctoSight – Anti-Phishing & Fraud Detection Platform

March - June 2026

- Developed an end-to-end fraud detection platform using Next.js, React.js, FastAPI, Python, and MySQL.
- Implemented risk scoring combining rule-based and machine learning integration for website, SMS, and email reports.
- Built automated ticket generation, admin triage, analytics dashboards, SLA monitoring, and role-based access control.

NeuroClash GG – AI-Powered Educational Battle Arena

March - June 2026

- Developed an AI-powered edutainment platform using Next.js, Supabase Realtime, Websocket, and Gemini API.
- Implemented real-time multiplayer 1v1 battles with HP mechanics, speed-based quizzes, and StarBox comeback system.
- Built automated quiz generation from uploaded PDF learning materials and a Solo Mode with an adaptive AI bot.

Immunify – Smart Vaccine Tracking Application

October - November 2025

- Developed an Android application using Kotlin, Jetpack Compose, MVVM, Firebase to manage vaccination schedules.
- Implemented location-based clinic discovery with Fused Location Provider and OSMDroid to find healthcare facilities.
- Transforming designs into a clean, maintainable Android app interface for Mobile App Development course final project.

Swara Ibu – Voice-Based Postpartum Depression App

July 2025

- Designed and implemented Android app using Kotlin, Jetpack Compose for voice-based emotion input and crisis detection.
- Integrated FastAPI, Gemini API, and OpenAI Whisper to analyze voice data and trigger emergency alerts in critical conditions.
- Served as UI/UX Designer and Front-End Developer in a 1st Place National Hackathon winning team.

ORGANIZATION

Raion Community

Malang, East Java

Mobile Engineer & Lead Front-End Developer

March 2025 - Present

- Participated in workshops and hands-on practices, then served as App Mentor for the Raion Internship program.
- Developed 3+ applications, including Zelow using Flutter, alongside HearMe and SABU with Kotlin Jetpack Compose.
- Contributed to website enhancement through Infrastructure Technology Unit, developing dynamic CMS and responsive web.
- Collaborated in 6+ software development competitions, delivering high-quality, scalable, and innovative software solutions.

OPTIHK Photo & Design

Malang, East Java

Head of Photography Division

January - December 2025

- Designed and delivered photography and videography training programs to enhance members' skills.
- Organized and scheduled group photo hunting sessions to strengthen members' portfolios.
- Encouraged member participation in photography competitions, producing award-winning works.

ACHIEVEMENTS

- **1st Place** – Android Hackathon Slash National Competition 2025, BEM Faculty of Computer Science UPN “Veteran” Jakarta June - July 2025
- **2nd Place** – Software Development National IT Competition, PEKAN IT 2026, Universitas Singaperbangsa Karawang June - July 2026
- **Top 5 Finalist** – Web Development Competition IT FEST Universitas Muria Kudus x Festival Teknologi Jawa Tengah, Permikomnas Region VII September - November 2025
- **Top 20 Finalist** – Lomba Inovasi Digital Mahasiswa (LIDM) 2025, Digital Educational Video Category, Direktorat Pembelajaran dan Kemahasiswaan (Belmawa) Kemdiktisaintek August - December 2025
- **Gold Medal** – Education & Science Essay Category, National Essay & Business Plan Competition “Cipta Nusantara Fest”, Universitas Negeri Yogyakarta August - November 2025
- **1st Place** – Photography Competition Artropolis, BEM Faculty of Computer Science Universitas Brawijaya September 2024
- **1st Place** – Program Kreativitas Mahasiswa Penerapan IPTEK (PKM-PI), Dekan Cup LP2PKM Faculty of Computer Science, Universitas Brawijaya August - November 2023

SKILLS

- **Programming Languages:** TypeScript, Kotlin, JavaScript, Python, PHP, Java, Dart
- **Frontend Development:** React.js, Next.js, TanStack Start, Tailwind CSS
- **Backend Development:** FastAPI, ElysiaJS, Express.js, Laravel, REST APIs
- **Mobile Development:** Kotlin, Jetpack Compose, Flutter
- **Database & Cloud:** PostgreSQL, MySQL, Supabase, Firebase, Drizzle ORM, Vercel
- **Tools & Software:** VS Code, Android Studio, Git, GitHub, Figma, Postman, OpenCode
- **Soft Skills:** Problem Solving, Critical Thinking, Team Collaboration, Responsibility
- **Languages:** Indonesian (Native), English (Proficient)