

Arjuna Adlina Martha

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github.com/Arjunaadlina

Professional Summary

Final-semester Informatics undergraduate (GPA 3.91/4.00) with 3+ years of hands-on experience in Mobile Development, Web Development, and Data Analysis. Skilled in React, React Native, Flutter, MERN Stack, and Python, with proven achievements in delivering high-performance applications, optimizing user experience, and ensuring security. Recognized as a KMI Expo finalist and contributor to 20+ completed projects for clients in academia, government, and private sectors.

Education

B.Sc. Informatics, Universitas Muhammadiyah Sidoarjo – GPA 3.91 (2022–Present)

High School Science Major, SMA Negeri 1 Wringinanom – Robotics Competition, Giat Prestasi Jatim 2019 (2019–2022)

Work Experience

Mobile Developer Intern — Directorate of Systems & Information Technology, UMSIDA
6 months

- Transitioned legacy campus system from WebView to native architecture, boosting app performance by 40% and enhancing student adoption.
- Collaborated in an Agile team to improve system maintainability and scalability.

Data Analyst Intern — Department of Cooperatives & Micro Enterprises, Sidoarjo
4 months

- Processed 2,000+ employment and respondent records using Excel and Python.
- Created data visualizations and infographics to support government policy-making.
- Reduced reporting time by 30% with automated analytics workflows.

QA / Penetration Testing Intern — Ditakopum (Public Service Platform)
4 months

- Performed penetration testing using Burp Suite, Postman, and OWASP methodologies.
- Simulated DDoS attacks and API testing, uncovering critical vulnerabilities.
- Identified sensitive data leaks (e.g., cooperative IDs, membership counts, transaction records), strengthening security compliance.

Fullstack Developer & IT Consultant — Centerdiv.id (Jan 2025 – Present)

- Delivered 20+ IT projects across academia, enterprises, and public institutions.
- Directed end-to-end project lifecycle from requirements gathering to deployment.
- Improved client satisfaction by 95% through clear communication and timely delivery.

Key Projects & Achievements

- Mobile Sport Center (2024) – Play Store app for sports field booking & social sharing, adopted by 20+ communities, finalist at KMI Expo Sulawesi.
- Hackivate Cohort (2024) – Built ReactJS & React Native apps with authentication, responsive design, payment gateway, and REST APIs, improving load speed by 25%.
- BI × OJK Hackathon – SentimAIn (2025) – Developed sentimain.vercel.app, a CNN-based sentiment analysis platform with 86% accuracy, providing interactive dashboards for real-time financial insights.

Technical Skills

Languages & Frameworks: JavaScript, React, React Native, Flutter, Node.js, Express, Next.js, Python, SQL, MongoDB, Machine Learning, Flask

Development: REST APIs, Authentication, Payment Integration, Agile Scrum, Interactive UI, Mobile, Website, Desktop

Data Analysis & Visualization: Excel, Python (Pandas, Matplotlib), Dashboarding

Testing & Security: QA, Penetration Testing, Burp Suite, Postman, OWASP

Soft Skills: Problem-Solving, Communication, Team Collaboration, Project Management