ANDRIAN PRATAMA

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CAREER SUMMARY

I am a dedicated Computer Science student at Bina Nusantara University with a 3.64 GPA, excelling in Web & Mobile Development, System Architecture, and Database Management. My projects span 3 years of full-stack development using React, Golang, and .NET, with a strong implementation of scalable search systems using the ELK Stack. I enjoy building secure, maintainable software and thrive in collaborative environments where I can apply Cloud Computing and System Design practices to solve real-world problems.

EDUCATION

Bina Nusantara University July 2024 – Present

Computer Science, Software Engineering Stream
Bachelor of Science, Jakarta

- Current GPA: 3.64/4.00, consistently maintaining strong academic standing.
- Core Coursework: Algorithm Design, Object-Oriented Programming (OOP), Framework Layer Architecture, and Data Structures.

WORK EXPERIENCE

IT Division Bina Nusantara | Junior Software Engineer February 2026 – Present

Full-time, Onsite – Tangerang/Jakarta

- Engineered and maintained a high-traffic core web application serving thousands of concurrent users using the .NET ecosystem.
- Developed scalable Microservices to handle complex business logic, ensuring high availability and system resilience.
- Leveraged Shared Kernel patterns to standardize domain logic and shared resources, significantly reducing code redundancy across multiple services.

Freelance Developer Febuary 2024 – Present

Self Employed , Remote – Tangerang/Jakarta

- Successfully delivered 3+ full-stack web applications from architectural design to deployment, ensuring high-quality standards and 100% on-time delivery.
- Developed responsive UIs using React.js and robust RESTful APIs with Express.js, optimized for high performance and seamless user experience.
- Collaborated with clients to deliver tailored solutions and ensure project requirements were met.
- Maintained high code quality and version control using Git, ensuring project scalability and ease of future maintenance.

IT Division Bina Nusantara | Application Architect Febuary 2025 – Febuary 2026

Internship, Onsite - Tangerang/Jakarta

- Optimized search performance by over 70%, reducing query latency from 10 seconds to 2-3 seconds by implementing Elasticsearch (ELK Stack) integrated with an ASP.NET 6 backend.
- Architected and managed database indexing strategies and VPS deployment to support high-performance search features and complex data retrieval.
- Developed a standardized Internal Documentation UI using React, Vite, and Tailwind CSS, currently utilized as the primary documentation hub for the entire Bina Nusantara (BINUS) ecosystem.
- Built multiple responsive UI components and search interfaces, ensuring seamless user experience across various interactive features.

Genius Growth Holding Inc | Junior Staff Developer September 2025 – November 2025

Part-time, Remote - Los Angeles County, CA

- Engineered an SEO-optimized landing page and CMS, improving data traceability and content management efficiency for an educational platform.
- Developed scalable backend APIs using Golang, streamlining server functions to support high-traffic learning activities.
- Optimized UI/UX components to enhance user engagement and showcase product features effectively.

ORGANIZATION EXPERIENCE

Himpunan Mahasiswa Teknik Informatika | Activist of Web Development March 2025 – Present

Hybrid - Tangerang/Jakarta

- Assisted the Technical Division during SESVENT 2025, handling online/offline operations including Zoom management, speaker transitions, and technical support
- Developed and maintained the official HIMTI website for HISHOT 2025 seminar, while actively participating as a committee member in organizing and managing the event
- Developed and optimized the official TechFest 2026 event website, ensuring responsive design, smooth user experience, and seamless technical integration during the event.

Bina Nusantara Computer Club | Activist of Research And Development November 2026 – Present

Hybrid - Tangerang/Jakarta

- Successfully passed the selection process to join the BNCC Elite Team, dedicating intensive focus to representing the organization in technology competitions and hackathons.
- Engineered a suite of internal applications including a custom form builder, interactive games, and a real time polling tool to streamline event registrations, successfully managing over 1,000+ users.

ACHIEVEMENTS

- 1st Place | IT Fest UNW 2026 (Semarang) | National
- 3rd Place | ITECNO CUP 2026 (Jakarta) | National
- 1st Place | FTI Festival 2026 (Pangkalpinang) | National
- 2nd Place | I/O Festival UNTAR 2026 (Jakarta) | National
- First Runner-Up | APICTA Awards 2025 (Taiwan) | International
- 2nd Best Finalist | Samsung Solve for Tomorrow 2025 (Tangerang) | National
- Favorite Winner | Arkavidia 9.0 Hackathon (Bandung) | National

SKILLS

Technical Skills

- Programming Languages: C#, JavaScript, TypeScript, C++, HTML, CSS, C, Python, Golang
- Frameworks & Libraries: ASP.NET, .NET 6, ReactJS, NextJS, ExpressJS, Tailwind, FastApi
- Databases: MySQL, MongoDB, Prisma, PostgreSQL, SupaBase, FireBase
- Tools & Platforms: Azure DevOps, Git, Postman, RDP, VPS, NGINX, GCP

Soft Skills

- **Time Management:** Proven ability to prioritize tasks within tight sprint cycles, ensuring stable deployments without sacrificing code maintainability.
- **Collaboration:** Experienced in bridging the gap between technical requirements and business goals through active communication with cross-functional teams.
- **Problem Solving:** Dedicated to identifying root causes during debugging and prioritizing refactoring to reduce technical debt.