

# ANDRIAN PRATAMA

andrianpratama843@gmail.com • +62 82123928824 • Kab. Tangerang, Banten, 15334  
<https://github.com/Yanzz231> | <https://www.linkedin.com/in/andrian-pratama-27795431b>

## CAREER SUMMARY

---

I am a dedicated Computer Science student at Bina Nusantara University with a 3.58 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.

## WORK EXPERIENCE

---

### Junior Software Engineer | IT Division Bina Nusantara

02/2026 – Present

Full-time, Hybrid – 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

02/2024 – 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.

### Application Architect | IT Division Bina Nusantara

02/2025 – 02/2026

Internship, IT Division Bina Nusantara, 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.

### Junior Staff Developer | Genius Growth Holding Inc

07/2025 – 11/2025

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

---

## Activist of Web Development

03/2025 – Present

Himpunan Mahasiswa Teknik Informatika, Jakarta - Remote

- 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

## EDUCATION

---

### Bina Nusantara University

07/2024 – 07/2028

Computer Science, Software Engineering Stream  
Bachelor of Science, Jakarta

- Current GPA: 3.58/4.00, consistently maintaining strong academic standing.
- Core Coursework: Algorithm Design, Object-Oriented Programming (OOP), Framework Layer Architecture, and Data Structures.

## ACHIEVEMENTS

---

### First Runner-Up | APICTA Awards 2025 (Taiwan) | International

Led the development of VoiceChess, an AI-powered accessibility app for visually impaired users by:

- Building a React Native app with specialized Touch Feedback and voice-guided interfaces.
- Developing a scalable backend using FastAPI and Express.js for real-time game logic.
- Integrating interactive learning modules tailored for children with special needs.
- Representing Indonesia in an international arena to showcase assistive technology solutions.

### Favorite Winner | Arkavidia 9.0 Hackathon (Bandung) | National

Developed a health-focused application to analyze food nutrition and ingredients by:

- Building a nutrition analysis engine to evaluate food healthiness and ingredient safety for users.
- Implementing data-driven logic to identify harmful additives and provide personalized dietary insights.

### 2nd Best Finalist | Samsung Solve for Tomorrow (Tangerang) | National

Conducted initial research and prototyping for VoiceChess, an assistive app for the visually impaired by:

- Performing user research and interviews to identify core accessibility challenges and pain points for visually impaired users.
- Developing an early-stage prototype focused on solving user-centric problems through innovative assistive technology.

## 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.