

VISELLA

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EDUCATION

BINUS University

Bachelor of Science in Computer Science *GPA: 3.96*

Alam Sutera, Tangerang Selatan

Sep 2023 – Expected Mar 2027

WORK EXPERIENCE

BINUS University

Full-Time Software Laboratory Assistant

Alam Sutera, Tangerang Selatan

Aug 2024 – Now

- Taught 200+ students each semester in various subjects such as OOP, Deep Learning, Distributed Cloud Computing, Natural Language Processing, Business Application Development, and others.
- Made practicum exam cases and evaluated students' exam results.
- Had a total of 77% qualifications in all subjects related to Computer Science, Cyber Security, and Information Systems.

HIMTI BINUS University

Vice Coordinator TECHNO PBP

Alam Sutera, Tangerang Selatan

March 2024

- Assisted in coordinating the Pengenalan Bahasa Pemrograman (PBP).

KMBD BINUS University

Public Relation DV Teach

Alam Sutera, Tangerang Selatan

August 2024

- Part of the PR team for DV Teach, a volunteer teaching program by KMBD.
- Responsible for outreach with temples.

Apple Developer Academy @ BINUS

iOS Foundation Cohort 20

Alam Sutera, Tangerang Selatan

Aug - Sep 2023

- Completed an intensive short-term program focused on iOS app development, prototyping, and challenge-based learning.
- Gained hands-on experience with Swift, UI/UX design, and teamwork using Apple's development ecosystem.

SKILLS

Languages	JavaScript, TypeScript, Python, Go, Rust, C, C#, Java, Kotlin, Bash
Frontend	React, Svelte, Next.js, Tauri, Laravel, Tailwind CSS
Backend	Gin (Go), Flask, Next.js, REST APIs, Laravel, Express.js
AI/ML	Regression, DCNN
Databases	PostgreSQL, MySQL, Redis, Firebase
Tools	Git, Android Studio, Unity, Visual Paradigm, Figma

PROJECTS

VorteKia – *React, Rust(Tauri), Tailwind, Firebase*

[GitHub Repository](#)

Built a desktop application designed to optimize amusement park operations. It features role-based access, real-time notifications, and user interfaces for staff, customers, and management to handle ride queues, restaurant orders, and park logistics efficiently.

ListIt – *Android Studio, Kotlin, Express, Firebase*

[GitHub Repository](#)

A mobile app for smart grocery lists developed for the Software Engineering Course. It offers dynamic shopping list creation and AI-powered recipe recommendations using NLP. Improve efficiency, reduce waste, and promote financial awareness for Indonesian households.

AY.com – *Svelte, CSS, Go, PostgreSQL, Redis, Flask, Supabase*

[GitHub Repository](#)

A Web-based social media platform developed for thread-based conversations. Using pure CSS for responsive design and a Go microservices backend with gRPC and PostgreSQL, it enables users to engage through likes and replies and explore trending topics. Ensures performance with a custom Flask-powered sentiment analysis AI for message processing.

RogueHH – *Unity, C#*

A roguelike game that features procedurally generated dungeons, tile-based combat with A* pathfinding, and upgradable skills, using Scriptable Objects, design patterns, and post-processing for immersive visuals and optimized performance.

EcoAI – *Android Studio, Kotlin, Jetpack Compose, Firebase*

[GitHub Repository](#)

A AI-powered eco-diary that helps users track sustainable habits, scan and categorize waste, and monitor carbon footprint reduction. It also features social sharing, green challenges, and progress dashboards to encourage eco-friendly living.

AWARDS AND ACHIEVEMENTS

Top 10 Grand Finalist - SOCS Hackathon 2024 x Microsoft

Jakarta, June 2024

Developed Speech Spark, an AI-powered web application to improve accessibility of speech therapy. Focused on integrating speech recognition, user-friendly design, and sustainable business planning to empower individuals with communication disabilities.