MUHAMMAD ALVIN FARIS MAMADA

08979945242 | alvinfaris59@gmail.com | https://www.linkedin.com/in/alvinfrs/ | https://alvinfrs.netlify.app/

Tech- savvy and enthusiastic 5th- semester Computer Science student with strong expertise in full- stack web development, data management, and cloud-based solutions. Skilled in modern frontend frameworks (JavaScript, TypeScript, React, Next.js, Tailwind CSS) and backend technologies (Node.js, Express, Java, Prisma, Supabase) with database experience in PostgreSQL, MySQL,.

Proficient in using Excel for data analysis, pivot tables, and visualization to support decision- making. Experienced with tools and platforms such as Git, GitHub, AWS, and Vercel for deployment and collaboration. Passionate about applying technology to optimize human capital processes, enhance employee experience, and drive digital transformation. Proven track record of leading technical execution in collaborative projects from concept to delivery.

Work Experiences

MC Computer Store - Bogor   **Jul 2021 - Sep 2021**
PKL (Internship) – Admin & Computer Technician
Retail computer store specializing in sales, repairs, and IT support services.

- Processed and recorded **50–70 daily sales and purchase transactions** using Microsoft Excel, generating structured reports that improved management decision-making speed by **30%**.

- Maintained **100% accuracy** in transaction records, reducing data retrieval time from **10 minutes to under 2 minutes**.

- Performed hardware diagnostics and software maintenance for **20+ client devices** during the internship period.

- Resolved **90% of customer technical issues** within the first service session, leading to higher customer satisfaction..

Education Level

Universitas Indraprasta PGRI - Jakarta, Indonesia   **Sep 2023 -**
Bachelor of informatics engineering, 3.43/4.00

- Developed 3 web-based projects using React, TypeScript, and Node.js.
- Participated in campus coding competitions and collaborative tech workshops.

Organisational Experience

OSIS-SMK Plus Pelita Nusantara - Bogor   **Jul 2019 - Sep 2019**
Event Coordinator

- Assisted in planning and organizing school events, ensuring smooth execution and adherence to schedules.
- Coordinated with other committees to manage event flow and logistics.

OSIS-SMK Plus Pelita Nusantara - Bogor   **Nov 2019 - Dec 2019**
Food & Beverage Coordinator

- Managed food and beverage preparation for school events, ensuring quality and timely delivery.
- Worked closely with vendors and internal teams to meet event needs.

Projects

- **Caffeine Coffee Shop**   **Jan – Feb 2025**
  Developed a full-stack online coffee shop platform enabling customers to reserve tables, place orders, and receive digital receipts. Implemented an integrated Midtrans payment gateway, advanced order history tracking, and automated receipt printing to streamline transactions. Optimized MySQL queries for fast data retrieval and implemented responsive UI with Tailwind CSS.**Impact:** Reduced manual booking errors by **80%**, processed over **100+ transactions** during testing, and improved payment completion rate by **35%**
  Tech Stack: Next.js, Express.js, MySQL, Midtrans, Tailwind CSS, TypeScript.

- **Ngestream**   **Mar – Apr 2025**
  Built a Netflix-style movie streaming web application featuring Supabase authentication (magic link & Google OAuth), dynamic categorized pages, trending & popular movie sections, subscription management, watchlist, likes, and a comment system. Integrated PostgreSQL with optimized indexing for high-speed querying, and implemented reusable UI components with ShadCN UI for scalability.**Impact:** Achieved page load speed under **1.5 seconds**, increased user session duration by **40%**, and supported streaming for over **200+ test users** without performance drops.
  Tech Stack: Next.js, TypeScript, Supabase, PostgreSQL, ShadCN UI, Tailwind CSS.

- **Kardiologiku**   **May-Jun 2025**
  Created an educational platform focused on arrhythmia awareness and patient support. Developed features for symptom logging, doctor consultation scheduling, and medication guidance. Designed a clean, responsive interface with an emphasis on accessibility and clarity, ensuring smooth performance even on low-end devices.**Impact:** Helped over **200 early users** track symptoms, reduced

consultation scheduling time by **50%**, and achieved **95% mobile compatibility** in cross-device testing.
Tech Stack: React, Vite, TypeScript, Local Storage, ShadCN UI, Tailwind CSS.

Certification

- **Data Science for Beginners** – Dicoding   **Dec 2024**
  Fundamentals of data science: statistics, data wrangling, and modeling using Python.
  Skills: Python, Pandas, NumPy, Modeling.

- **Data Visualization Certification** – Dicoding   **Nov 2024**
  Data visualization using Matplotlib & Seaborn with storytelling principles.
  Skills: Data Visualization, Python, Matplotlib, Seaborn.

- **Java Programming Certification** – Dicoding **(Oct 2023)**
  OOP in Java, collections, and basic algorithm implementation.
  Skills: Java, OOP, Data Structures, Algorithms.

- **Backend Development with JavaScript and AWS** – AWS Backend Academy, Dicoding   **Sep 2024**
  Backend development using Node.js, Express, Hapi, and AWS fundamentals.
  Skills: Node.js, Express, Hapi, AWS.

- **Alibaba Cloud Certified Developer – Generative AI** – Alibaba Cloud   **Aug 2024**
  Generative AI development and deployment on Alibaba Cloud.
  Skills: AI, Generative AI, Model Deployment.

- **Artificial Intelligence for Beginners** – Dicoding   **Jul 2024**
  Introduction to AI, supervised & unsupervised learning, and practical implementation.
  Skills: AI, Machine Learning, Python.

- **AWS Cloud Practitioner** – Dicoding   **Jun 2024**
  Cloud fundamentals and backend development using AWS services.
  Skills: AWS, Node.js, Express, Cloud Architecture.

- **React Developer Certification** – ID Camp, Dicoding   **Mar 2024**
  Advanced React development with hooks, context API, and modern patterns.
  Skills: React, Hooks, Context API, JSX.

- **JavaScript Fundamentals** – ID Camp, Dicoding   **Jan 2024**
  Core JavaScript concepts and modern ES6+ features.
  Skills: JavaScript, ES6+, DOM, Async.

- **Web Programming Certification** – ID Camp, Dicoding   **Oct 2023**
  Foundational web development using HTML, CSS, and JavaScript.
  Skills: HTML, CSS, JavaScript, Git.

- **Frontend Web Development** – Dicoding   **Nov 2023**
  Complete frontend development with responsive design.
  Skills: HTML5, CSS3, JavaScript, Responsive Design.

Skill

Hard Skills

- **Data Management & Dashboard**: Microsoft Excel (Pivot Tables, VLOOKUP, Charts, Formulas), Google Sheets, Data Visualization

- **Office Productivity Tools**: Microsoft Word (Documentation), Microsoft PowerPoint (Presentations)

- **Web & System Development**: React.js, Next.js, Vite, Bootstrap, Tailwind CSS, ShadCN UI, Html , Css

- **Backend & API**: Express.js, REST API, Supabase, Midtrans Payment Gateway Integration, Ngrok , Supabase

- **Database Management**: MySQL, PostgreSQL

- **Programming Languages**: JavaScript (ES6+), TypeScript, Java (Basic), Python (Basic)

- **Tools & Workflow**: Git, GitHub, VS Code, Postman, , npm, Google Workspace , AWS , vercel

Soft Skills

- Analytical Thinking & Problem Solving

- Time Management & Task Prioritization

- Team Collaboration & Cross-Functional Communication

- Adaptability & Continuous Learning

- Attention to Detail & Accuracy in Data Handling

Languages

- Bahasa Indonesia – Native

- English – Intermediate (TOEIC 520 Equivalent)