

MOH. NAUFAL FARIYAN

Fresh Graduate Informatics | Junior Software Engineer | Full Stack Developer | Data Analytics Enthusiast
Bekasi, West Java, Indonesia | fariyannaufal3@gmail.com | +62 812-1178-5556 | <https://www.linkedin.com/in/naufalfariyan/> | Portfolio:
<https://naufalfariyan.my.id/>

PROFESSIONAL SUMMARY

Fresh graduate in Informatics / Computer Science from Universitas Bhayangkara Jakarta Raya with a strong interest in Software Engineering, Full Stack Web Development, and Data Analytics. Experienced in building web applications using Laravel, React, JavaScript, PHP, Python, and relational databases, supported by several practical projects including a Neural Network-based scheduling system and a K-Means Clustering product segmentation analysis. Completed an IT Support internship, gaining hands-on experience in hardware and software troubleshooting, network support, and database maintenance. A quick learner with strong problem-solving skills, comfortable working both independently and within a team.

TECHNICAL SKILLS

Programming Languages: PHP, Python, JavaScript, HTML5, CSS3

Frameworks & Libraries: Laravel, React.js, Node.js, Next.js

Database: MySQL, PostgreSQL, MongoDB

Data & Analytics: Pandas, Data Analysis, K-Means Clustering, Basic Machine Learning, Neural Network

Tools & Software: Visual Studio Code, Git / GitHub, Figma, Canva, Adobe Creative Tools, Jupyter Notebook

EDUCATION

Bachelor of Informatics / Computer Science (S.Kom.) [2022 – 2026]

Universitas Bhayangkara Jakarta Raya — Bekasi, West Java, Indonesia
GPA: 3.50/4.00

Senior High School [2018 – 2021]

SMAN 18 Kota Bekasi — Bekasi, West Java, Indonesia

PROFESSIONAL EXPERIENCE

IT Support Intern [02/2025 – 08/2025]

Polres Metro Bekasi — Bekasi, West Java, Indonesia

- Assisted in troubleshooting and maintaining computer hardware, software, and network infrastructure.
- Supported the installation, configuration, and updates of software on workstation systems.
- Provided technical support to end users regarding computer systems and applications.
- Assisted in database management and data backup processes.
- Developed an internal web-based data management application to support operational activities.

Pharmacy Staff / Junior Software Developer & Data Analyst [09/2025 – 08/2026]

Apotek Anjaz Farma 2 — Jl. Mayor Oking No. 67, Bekasi, West Java, Indonesia

- Designed and developed a localhost-based inventory management application from scratch to digitize medicine stock tracking, replacing manual recording processes and improving stock accuracy.
- Built core CRUD functionality for stock monitoring, including real-time tracking of incoming stock, outgoing stock, sell-in, and sell-out data, streamlining what was previously a manual monthly reporting process.
- Applied data science techniques to solve a real business problem — implemented K-Means Clustering based on the Knowledge Discovery in Databases (KDD) framework to segment products into Fast Moving, Medium Moving, and Slow Moving categories, using 2025 sales data, enabling data-driven inventory decisions.
- Managed end-to-end logistics coordination for medicine distribution to clinics, hospitals, distributors, and doctors, ensuring accurate and timely fulfillment.

SELECTED PROJECTS

Web-Based Patient Treatment Scheduling System Using Neural Network

Undergraduate Thesis / Final Project — Web Application, Neural Network

- Developed a web-based patient treatment scheduling system that applies a Neural Network model to generate scheduling recommendations based on patient conditions, doctor availability, and treatment history.

- Built patient and doctor management modules alongside an analytics dashboard for reporting.
- Implemented booking management and real-time notification features.

Product Segmentation Using K-Means Clustering

Data Analytics Project — Python, Pandas, K-Means Clustering

- Performed product segmentation analysis using K-Means Clustering to classify products into slow-moving, medium-moving, and fast-moving categories based on movement patterns.
- Conducted data preprocessing and exploratory analysis to prepare product movement data for clustering.
- Generated business insights on inventory movement to support decision-making.

Modern E-Commerce Platform

Full Stack Web Application

- Built a full stack e-commerce platform featuring multi-provider authentication, shopping cart, and wishlist functionality.
- Integrated the Midtrans payment gateway to support order and transaction processing.
- Developed product, category, and inventory management modules along with an admin dashboard and sales reporting features.

Point of Sale (POS) System

Retail / MSME Application

- Developed a POS system with product and category management, transaction processing, and automatic stock management.
- Implemented thermal receipt printing and multi-cashier support for retail operations.
- Enabled offline mode using IndexedDB to support uninterrupted transactions, along with financial reporting features.

ADDITIONAL PROJECTS

Digital Archive Security & Storage System

Technology: Laravel Framework and Laragon (MySQL) Database

- Developed a web-based system designed to manage, store, and improve access control for digital archive records.

Professional Portfolio Website

- Built a personal portfolio website to showcase profile, technical skills, projects, and certifications.

CERTIFICATIONS & TRAINING

- BNSP – Software Engineer Competency Certification, Scheme: Software Engineer (SE) — LSP / Bimtek Bhayangkara — 2026
- Google Data Analytics Professional Certificate — Coursera / Google — 2024
- Data Analytics Using Pandas — GUVI, Partner of Google for Education — 2023
- Microsoft Certified: Azure Fundamentals — Microsoft — 2023
- Cybersecurity Course, Certificate of Course Completion — Cisco Networking Academy — 2024
- Engineer: Kenapa Harus Takut dengan AI [Verify official certificate title] — Ministry of Manpower of the Republic of Indonesia / Balai Perluasan Kesempatan Kerja (BKK) Bekasi — 2026

COMMUNITY / KKN EXPERIENCE

Digital Marketing Training for MSMEs

Kuliah Kerja Nyata (KKN) — Kelurahan Marga Mulya, Bekasi

- Conducted digital marketing outreach sessions for local MSME (UMKM) business owners.
- Assisted vendors in understanding the use of digital platforms for marketing purposes.
- Supported MSME actors in implementing QRIS as a digital payment method.

ADDITIONAL SKILLS

Problem Solving, Analytical Thinking, Technical Troubleshooting, Team Collaboration, Communication, Adaptability, Continuous Learning.