

MATTHEW KEVIN

matthew.kevin03@gmail.com • 082244413825 • [linkedin.com/in/matthew-kevin](https://www.linkedin.com/in/matthew-kevin)
Surabaya, Jawa Timur, 60227

SUMMARY

I'm an Informatics fresh graduate from Petra Christian University with a strong interest in full-stack development. I'm passionate about creating efficient, scalable, and user-friendly websites and applications, and I'm eager to expand my knowledge and expertise through internships and work opportunities.

EDUCATION

Petra Christian University **Jul 2022 - Present**

Informatics Student | Full Stack Development

- GPA: 3.95/4.00 (144 Credit Units)
- The Top 10% Freshman of 2022 With Outstanding Academic Achievement
- Relevant Courses: Web Technologies, Web Frameworks and Deployment, Client-Side Programming, Database Systems, Software Engineering, Object-Oriented Programming, Data Structures and Algorithms, Cloud Computing, Android Application Development, Web-Based Mobile Application Development, Artificial Intelligence.

Petra Christian 1 Senior High School **Jul 2019 - Jun 2022**

Major: Mathematics and Natural Sciences (MIPA)

SKILLS

- **Web Development:** Laravel, Next.js, React, HTML, Tailwind CSS, JavaScript
 - **Mobile App Development:** Flutter, Kotlin
 - **Backend & Cloud Technologies:** AWS, Firebase
 - **Soft Skills:** Problem Solving, Team Collaboration, Critical Thinking, Time Management, Communication
 - **Additional Skills:** Figma, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Canva
 - **Languages:** Indonesia (Native), English (Working Proficiency)
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EXPERIENCE

Software Engineer Intern at PT. Cipta Insan Aktif (CIA) **Jan 2025 - May 2025**

- Developed a Customer Relationship Management (CRM) system used by 50+ active users to streamline customer interaction and data management.
 - Developed a customizable company profile website integrated with a Content Management System (CMS), enabling non-technical users to manage content efficiently.
 - Worked in a team of developers to build an Asset Management System for accurately and systematically recording, tracking, and managing company assets.
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PROJECTS

Stock Investment Recommendation System for Danantara-Affiliated Companies

Jul 2025 - Dec 2025

Web Development and Data Science

- Developed a stock investment recommendation system that provides buy, hold, and sell decisions based on stock price prediction results.
- Built and trained a Long Short-Term Memory (LSTM) model to perform time-series stock price forecasting.
- Processed and analyzed historical stock data of Danantara-affiliated companies as the basis for generating investment recommendations.
- Integrated the model’s prediction results into the system to assist users in making more informed investment decisions.

RecipeHub

Oct 2025 - Dec 2025

Mobile Application Development

- Developed a mobile application for sharing and discovering recipes using Flutter and Firebase.
- Utilized Firebase to manage user data and recipe content with real-time synchronization.
- Managed secure storage of recipe images using cloud storage buckets.
- Implemented daily push notifications featuring the most popular recipes from the previous day to increase user interaction.

VibeTix

Sep 2024 - Dec 2024

Cloud-Based Web Application Development

- Developed a cloud-based concert ticket booking website using AWS infrastructure to ensure scalability and high availability.
- Designed the system to handle traffic spikes by implementing AWS Elastic Load Balancer and Auto Scaling, enabling automatic adaptation during peak demand periods.
- Utilized AWS Lambda to generate automated monthly transaction reports, improving operational efficiency.
- Integrated Amazon S3 for secure storage of static assets and report files, and Amazon RDS for reliable relational database management.
- Designed a scalable, fault-tolerant, and cost-efficient system architecture suitable for real-world production environments.

Youth Church Community Website

Aug 2024 - Nov 2024

Web Development and Quality Assurance

- Developed features to address the community's specific needs and challenges, including a Progressive Web App (PWA) for enhanced performance and accessibility.
- Implemented a QR code scanning feature for efficient attendance tracking.
- Managed the database, ensuring data integrity and efficient access.
- Ensured quality assurance by reviewing and testing team members' work.
- Optimized the website for ease of use, ensuring it is user-friendly and responsive across various devices.

PROJECTS

Portfolio Website

Aug 2024 - Sep 2024

Web Development

- Developed a portfolio website using TailwindCSS and Laravel frameworks.
- Implemented the MVC (Model-View-Controller) architecture to ensure code organization and scalability.
- Focused on creating a visually appealing and responsive design to deliver an engaging user experience across various devices.

Football Player Recruitment System

Feb 2024 - Jun 2024

Web Development

- Developed a website for a football team's recruitment system, where users can rate players, providing valuable insights for the club in making recruitment decisions.
- Designed and created the user interface for several pages within the website.
- Developed CRUD operations for interacting with the database.
- Implemented the logic for the website.
- Created project's documentations, such as: use case diagrams, activity diagrams, state diagrams, sequence diagrams.

Swarm Intelligence for Optimizing Goods Delivery Schedule

Feb 2024 - Jun 2024

Artificial Intelligence

- Developed a solution to optimize the scheduling of cargo deliveries for a logistics company.
- Applied swarm intelligence optimization methods, including Ant Colony Optimization (ACO) and Particle Swarm Optimization (PSO), to address the problem.
- Developed the solution using Python.

Last Chef Standing Game

Apr 2023 - Jun 2023

Game Development

- Created various types of characters using OOP (Object-Oriented Programming) concepts such as encapsulation, abstraction, inheritance, and polymorphism.
- Designed and implemented the interface for the game's menus.
- Developed the game logic to manage interactions and mechanics within the game.