

MATTHEW KEVIN

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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 Informatics Student Full Stack Development	Jul 2022 - Present
<ul style="list-style-type: none">GPA: 3.95/4.00 (144 Credit Units)The Top 10% Freshman of 2022 With Outstanding Academic AchievementRelevant 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 Major: Mathematics and Natural Sciences (MIPA)	Jul 2019 - Jun 2022
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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)

EXPERIENCE

Software Engineer Intern at PT. Cipta Insan Aktif (CIA)	Jan 2025 - May 2025
<ul style="list-style-type: none">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.	

PROJECTS

Stock Investment Recommendation System for Danantara-Affiliated Companies	Jul 2025 - Dec 2025
Web Development and Data Science	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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
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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
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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
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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
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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.