Ivander Kendrick Wijono

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Experienced Informatics Engineering student with a strong foundation in logical thinking and problem-solving. Proficient in developing scalable and secure backend services, integrating web development solutions to enhance performance and project efficiency. Skilled in web development and cloud engineering, driven by a passion for tackling real-world challenges with innovative technological solutions.

EDUCATION

Bachelor's degree Informatics Engineering   **Oct 2022 - Present**
Kwik Kian Gie School of Business   **GPA:** GPA: 3.97
    Receiving Adaro Foundation Scholarship. - Academic Transcript.

WORK EXPERIENCE

Cloud Computing Cohort   **Sep 2024 - Jan 2025**
Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka   **Jakarta, Indonesia**
- Developed scalable and secure backend services on Google Cloud Platform (GCP), integrating and optimizing APIs using Express and Flask on App Engine and Cloud Run, resulting in a 30% increase in system performance and reliability.
- Mastered a diverse range of GCP tools, enhancing project efficiency by 25% through effective cost optimization, resource management, and seamless API deployment.
- Designed GCP architectures and developed backend services, including API integrations, improving application deployment speed by 40% and ensuring seamless operations for team projects.
- Collaborated effectively within a team to deliver a project addressing real-world challenges, achieving successful outcomes within the designated timeline and increasing client satisfaction by 15%.

Flutter Developer   **Jan 2024 - Feb 2024**
Freelance   **Jakarta Raya, Indonesia**
Created an android application connected to hardware capable of detecting gas leaks, leading to a 30% rise in timely gas leak notifications received by users on user's smartphones. Tech Stacks: Dart (Flutter), Firebase
- Utilized Firebase Firestore to securely and efficiently store user data, provoking a 20% jump in data retrieval speed.
- Applied User Authentication features such as registration, login, logout, anonymous login, and login with Google using Firebase Authentication, leading to a 20% increase in user engagement.

PROJECTS

SpeechEase ⌞⌝   **Oct 2024 - Dec 2024**
Designed, developed, and architected the backend and cloud infrastructure for SpeechEase, optimizing performance, scalability, and security for AI-driven speech analysis.
Tech Stacks: Express.js, Flask, Google App Engine, Cloud Run, Firebase Authentication, JSON Web Token (JWT), Firestore, Cloud Storage.
- Built and deployed RESTful APIs on Google Cloud Platform (App Engine for backend services and Cloud Run for the AI model), ensuring seamless communication and efficient scaling.
- Implemented a secure authentication system using Firebase Authentication and JWT, while optimizing GCP resources for cost-efficient, high-performance operations.
- Integrated Firestore for real-time data synchronization and Cloud Storage for scalable media management, delivering a robust and user-centric cloud-based solution.

Track Your Money ⌞⌝   **May 2024 - Jun 2024**
Formulated and engineered a web application, Track Your Money, to assist users in managing personal finances efficiently, resulting in a 30% boost in user satisfaction.
Tech Stacks: HTML, TailwindCSS, JavaScript, PHP, MySQL, Particles.js, Chart.js.
- Developed CRUD (Create, Read, Update, Delete) functionality using PHP to efficiently manage financial transaction data in a MySQL database.
- Implemented secure user registration and login system resulting in a 30% decrease in unauthorized access attempts. Generated interactive charts using Chart.js by fetching data from the database.

Piru ⌞⌝   **May 2024 - May 2024**
Designed and built a web-based application, Piru, to streamline room borrowing process on campus resulting in a 30% increase in room reservation efficiency.
Tech Stacks: HTML, CSS, JavaScript, PHP, MySQL.
- Developed CRUD (Create, Read, Update, Delete) implementation utilizing PHP to efficiently manage loan data and increase data processing speed by 30%.
- Enhanced process efficiency by replacing paper-based and signature-based manual borrowing methods with a digital system, bringing about a 30% upsurge in borrowing speed.

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Front of House   **Oct 2024 - Nov 2024**
Google Developer Groups Depok   **Depok, Indonesia**

Coordinated with a team to execute AI, ML, cloud, and Android events, achieving a 100% on-time delivery rate and enhancing participant satisfaction through effective technical operations management.

Curriculum Team Officer   **Oct 2023 - Oct 2024**
Google Developer Student Clubs IBIKKG   **Jakarta, Indonesia**

Developed an annual learning path for 30 GDSC members, creating learning materials on Android Development and Machine Learning, leading to a 20% surge in member engagement and enhanced knowledge retention. - Certificate.

Executive Secretary   **Oct 2023 - Oct 2024**
Informatics Community   **Jakarta, Indonesia**

Managed event administration, prepared and archived files and letters, formulated proposals, and activity reports for multiple events, resulting in improved organization, efficiency, and a significant 20% increase in event attendance. - Certificate.

Event Staff   **Oct 2022 - Oct 2023**
Finance Group of IBIKKG   **Jakarta, Indonesia**

Led team as chief executive to organize event within one month, resulting in successful execution. Coordinated all aspects of event, attracting 90 participants. Increased participation and engagement by 25% through effective promotional strategies. - Certificate.

SKILLS

Tools: VS Code, A.Studio, Figma, Firebase, Git, Github, Linux, XAMPP, NetBeans, Enterprise Architect, Google Cloud Platform, Postman.

Soft Skills: Conflict Resolution, Adaptability, Communication, Teamwork, Time Allocation, Logical Reasoning, Self-Learning.

Languages: HTML, CSS, JavaScript, PHP, MySQL, Python, Java, Dart, Kotlin, C#, Typescript.

Frameworks & Libraries: Bootstrap, Tailwind CSS, Flutter, ReactJS, NodeJS, Hapi, ExpressJS, Flask, NextJS.

LANGUAGES

Indonesian, Native proficiency • English, Professional working proficiency

CERTIFICATIONS

Implementing Machine Learning with Google Cloud (Credential ID: 6RPNY5N29Z2M) ⃠ by **Dicoding**   **Dec 2024**
Creating Back-End Applications with Google Cloud (Credential ID: EYX4JO20RZDL) ⃠ by **Dicoding**   **Nov 2024**
Become a Google Cloud Engineer (Credential ID: QLZ9VG6WDX5D) ⃠ by **Dicoding**   **Nov 2024**
Google Cloud Computing Foundations Certificate ⃠ by **Google**   **Oct 2024**
React JS Web Programming (Credential ID: CCPR2211B17179Q6UTI2) ⃠ by **Camp404**   **Jan 2023**

AWARDS

Top 50 team in Hackfest 2024 by **Google Developer Student Clubs**   **Jan 2024**

Make it into the top 50 teams for the 2024 Hackfest. An Android app developed by Team CodaCraft helps people learn how to grow food crops while also being environmentally friendly and lowering global warming. - Certificate.