Jeremy Fanuel Wijaya S.Kom.

⚲ Surabaya, East Java, Indonesia ✉ jeremyfanuel1@gmail.com ☐ (+62) 852 3476 3233 in/jere-id ☁ jerem.my.id

SUMMARY

Highly motivated and results-oriented software engineer with 4 years of experience building and deploying scalable, reliable applications. Proven expertise in DevOps practices, including infrastructure as code, containerization, CI/CD pipelines, and cloud technologies. Passionate about automation, continuous improvement, and delivering high-quality software solutions.

· Passionate about coding and game development, actively developing custom mods for various Unity Game to enhance gameplay and create new experiences.
· Founder of JUNO/JSP Service, providing dedicated game servers for individuals and gaming communities. Optimized server infrastructure and implemented custom bots to improve gameplay and engagement.
· Continuously exploring emerging technologies and pushing the boundaries of game development, recently experimenting with CyberSecurity to explore new possibilities.
· Strong commitment to continuous learning and professional growth, actively participating in coding communities and collaborating with other developers.

EXPERIENCE

.NET Application Developer

PT Megasurya Mas   September 2024 – Present, Jl. Tambak Sawah 32, Waru Sidoarjo – 61256 Jawa Timur – Indonesia
· Developed and maintained enterprise-level applications to support business operations
· Designed and implemented scalable software solutions addressing specific business requirements
· Collaborated with cross-functional teams to analyze user needs and deliver optimal software solutions
· Implemented best practices in software development, including code reviews, testing, and documentation
· Contributed to system architecture and application performance optimization

Freelance

Freelance Cloud & Software Engineer   February 2023 – Present, Surabaya/Remote
· **Cloud & Software Development:**
· · Building scalable and robust cloud-based applications for diverse platforms.
  · Expertise in architecting and deploying multi-tier applications in AWS, Azure, Google Cloud, and On Premise Server.
  · Strong understanding of containerization (Docker, Kubernetes) and serverless computing.
  · Proficient in various programming languages and frameworks (Python, Node.js, React, etc.).
· **Game Development (Unity & Unreal Engine):**
· · Developing immersive and engaging games (PC).
  · Experience in crafting game mechanics, level design, and optimizing performance.
  · Proficiency in Unity and Unreal Engine for 2D and 3D game development.
· **Custom Software Solutions:**
· · Tailoring software solutions to meet specific business needs and requirements.
  · Developing user-friendly and intuitive interfaces for seamless user experience.
  · Delivering high-quality code with clear documentation and ongoing support.

METEOR LAB PTE. LTD

Fullstack Developer   September 2023 – December 2023, Remote
· Technical Skills: Web3, NEAR Protocol, Data Streaming, User Experience (UX)
· Reduced data latency and improved user response times by implementing advanced data streaming mechanisms leveraging Web3 technologies and the NEAR Protocol.
· Enhanced application performance and user experience by continuously researching and implementing cutting-edge technologies.
· Collaborated effectively with cross-functional teams, including product managers, designers, and back-end developers to ensure a unified and consistent user experience.

L2 System Admin

PT DIGITAL SERVER ASIA   October 2022 – April 2023, Remote/Surabaya
· Provided comprehensive technical support to clients utilizing Virtual Private Server (VPS) and dedicated server hosting solutions.
· Troubleshot and resolved server-related issues encompassing hardware, software, performance, networking, security, monitoring, maintenance, and backups.
· Proactively monitored and maintained servers, ensuring optimal performance and security for clients.
· Implemented backup modules to guarantee data protection and disaster recovery in emergency situations.

· Delivered exceptional customer service, prioritizing client satisfaction and exceeding support expectations.

BACKEND PYTHON DEVELOPER
LEARNHALL LLC **September 2021 – September 2022, Vancouver, Washington, United States**
· Engineered and integrated AI/machine learning algorithms into a Learning Management System (LMS).
· Leveraged data-driven insights to deliver personalized learning experiences, resulting in a measurable increase in user engagement.
· Collaborated with a multidisciplinary team to develop a theatrical drama web application.
· Utilized Django, Flask, and RESTful APIs for efficient backend processing and seamless frontend integration, contributing to a highly engaging user experience.

Intern Frond End Developer
Seventhsoft Komputino **April 2021 – September 2021**
· Developed responsive and user-friendly front-end interfaces for a medical laboratory dashboard, enhancing data visualization and user experience.
· Designed and implemented a custom JavaScript plugin for DataTables to extend functionality with features such as inline editing, showcasing expertise in plugin development and JavaScript frameworks.
· Proactively communicated project progress and updates to the Project Manager and IT Leads, ensuring transparency and effective collaboration.

PROJECTS

Student Attendance and Scheduling App
· Developed a comprehensive student attendance and scheduling app for a school, leveraging a combination of front-end and back-end technologies for a seamless user experience.
· Implemented RFID card integration for efficient attendance tracking, allowing students to quickly scan their cards for accurate recording.
· Enabled schedule management, empowering students (in higher grades) to modify their optional classes, promoting flexibility and student autonomy.
· Integrated WhatsApp messaging, providing a direct and accessible communication channel between students and designated staff members.

Mobile App for IHSG Stock Tracking
· **Real-time Data Integration:** Developed a real-time data pipeline using the Yahoo Finance API to display live IHSG stock prices, charts, and relevant market data.
· **Customizable Price Alerts:** Implemented a notification system allowing users to set target prices for their chosen stocks and receive timely alerts when those targets are reached, empowering informed trading decisions.
· **Interactive Charting:** Created an interactive charting system with customizable timeframes, enabling users to conduct in-depth market analysis based on both historical and real-time data.
· **Personalized Watchlist Management:** Designed a user-friendly interface for creating and managing personalized watchlists of preferred IHSG stocks, simplifying portfolio tracking and monitoring.

ReCharge App
May 2024 – June 2024
· Real-time Location Tracking: The app leverages GPS technology to pinpoint the user's current location and display it on a map alongside nearby charging stations.
· Charging Station Search: Users can easily search for charging stations by name, location, or specific charging type (e.g., fast charging, slow charging).
· Station Status & Information: RechargeApp displays the real-time status of each charging station, including availability, charging speed, connector types, and any relevant information.
· Google Maps Integration: With a single tap, users can open Google Maps for direct navigation to their chosen charging station.
· Station Sharing: RechargeApp enables users to share the location of a charging station with other users via social media or messaging apps, making it easier to inform others about available charging options.
· Develop a user-friendly and intuitive mobile application that seamlessly connects EV users with charging stations.
· Build a comprehensive database of charging stations across Jakarta, ensuring accurate and up-to-date information.
· Foster a community of EV users in Jakarta to share knowledge and experiences.

Warhouse Management App
November 2023 -June 2024
· Develop a robust warehouse management app for seamless inventory tracking, order management, and real-time data access.
· Ensure functionality across web and desktop platforms, providing a consistent user experience.
· Implement an offline-first database for uninterrupted operations, even without internet access.

Company Portofolio
PT ANGKASA ADIBAYU BUANA WEB · aab.co.id/en · December 2023 – October 2023

- **Frontend Development:** Designed and implemented user-friendly website layouts using HTML, CSS, and JavaScript. Built responsive designs for optimal viewing on desktops, mobiles, and tablets. Leveraged the Laravel framework to create interactive components and improve code organization.
- **CMS Development:** Developed dedicated admin panels for managing content, users, and website settings. Implemented user roles and permissions to control access levels. Enabled easy creation, editing, and deletion of website content.
- **Database Management:** Deployed and managed MySQL database systems. Designed database schemas to store website content, user data, and other relevant information.
- **Deployment & Security:** Configured server environments and deployed websites. Established security measures to protect websites and data.

EDUCATION

Bachelor of Informatics
Minor in Computer Science · Institut Sains dan Teknologi Terpadu Surabaya
· Jl. Ngagel Jaya Tengah No.73-77, Baratajaya, Kec. Gubeng, Surabaya, Jawa Timur 60284 · 2023 · 3.20

COURSEWORK

Project Management
REVOU · 2023 · Project Management

Google Analytics Certification
Skillshop · 2023 · Google Analytics

Cloud Computing | IaaS | Server Configuration | Linux Foundations | Database Servers | LAMP Stack | Server Security
Udemy · 2023

Python to Data Science and Machine Learning
Udemy · 2022

SKILLS

- **Core Languages:** Python, JavaScript/Typescript, PHP, C#, C++, Go, Rust
- **Scripting:** Bash, PowerShell, Python
- **Infrastructure as Code:** Terraform
- **Containerization:** Docker, Kubernetes
- **CI/CD:** Jenkins, GitHub Actions
- **Monitoring & Logging:** Prometheus, Grafana
- **Configuration Management:** Ansible
- **Version Control:** Git, P4V
- **Cloud Platforms:** AWS, Azure
- **Messaging & Queues:** RabbitMQ, Redis
- **Databases:** MySQL, MariaDB, DuckDB, PostgreSQL, MongoDB, Redis, Firestore/Firestore alternative