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Top Skills

LinkedIn Recruiter

Diamante

Truffles

Certifications

IT Specialist Artificial Intelligence

Publications

Food Optimizing for Patients with
Kidney Failure Using Evolution
Strategies Algorithm

Optimizing Chicken Feed Using
Evolution strategies (ES) algorithm

Exploring the Potential of Hybrid
Whale Optimization Algorithm: A
Literature Review

Bevantyo Satria Pinandhita

#Senior Vibe Coder | Smart Contract Developer | Machine Learning
& AI Engineer | Community Manager in Web3 Ecosystems
Surabaya, East Java, Indonesia

Summary

As a Blockchain Developer and AI Engineer, I leverage my skills in Solidity, Rust, and AI model optimization to create innovative blockchain-based applications. I have developed smart contracts for various projects, designed and implemented Rust-based Solana migration contracts to enhance project scalability and performance, and led the tech team in the end-to-end development of the entire project.

In addition to my technical expertise, I also have experience as a Community Lead at Seeds, where I managed partnerships with Web3 communities on revenue-sharing mechanisms through platforms like Discord and Telegram. I published regular posts in social sections to ensure community engagement and value delivery, and actively participated in discussions to strengthen community trust and foster a collaborative environment. I am currently pursuing a Bachelor of Computer Science with a focus on Machine Learning and a Bachelor of Management from Universitas Terbuka. I am passionate about applying my knowledge and skills to solve real-world problems and create positive impact.

Experience

BlockHood

4 months

Community Tech Lead

April 2025 - Present (4 months)

Founder

April 2025 - Present (4 months)

PT. IGS Indonesia Group

7 months

Flutter Developer

January 2025 - Present (7 months)

Kota Surabaya, East Java, Indonesia

- Developed a responsive and performant Flutter-based mobile application for landslide detection, ensuring an optimal user experience.
- Designed and implemented an intuitive user interface (UI) and user experience (UX) for the landslide detection app, focusing on real-time visualization of IoT sensor data.
- Integrated the Flutter application with IoT devices via APIs, enabling efficient collection and processing of sensor data for early landslide potential detection.
- Implemented state management (e.g., Provider, BLoC) within the Flutter application to ensure effective data handling and synchronization with data from IoT devices.

Machine Learning & IOT Developer

January 2025 - Present (7 months)

Surabaya, East Java, Indonesia

Discord

Discord Community Lead - Venimee (Youtuber) Discord Channel

June 2024 - Present (1 year 2 months)

1. Initiated and scaled a Discord-based community from zero, designing engagement workflows and fostering organic growth.
2. Recruited, trained, and managed a team of moderators with clearly defined roles to ensure operational efficiency.
3. Directed high-impact partnerships by evaluating opportunities and negotiating terms aligned with community goals.
4. Held full ownership of strategic direction, making key decisions on structure, culture, and daily governance.

Pemerintah Kota Surabaya

1 month

Solo Flutter Developer

July 2025 - July 2025 (1 month)

Surabaya, East Java, Indonesia

- Led end-to-end development of two Flutter apps in just 2 weeks, leveraging AI tools (ChatGPT & GitHub Copilot) to accelerate boilerplate generation and optimize code.
- Implemented Material Design 3 with dark/light themes and Lottie animations, achieving a 4.8/5 pilot user rating for intuitive UI/UX.

- Architected offline-first functionality using Riverpod/Provider, SharedPreferences caching, and connectivity\plus, ensuring seamless operation under intermittent network conditions.
- Integrated real-time synchronization via RESTful APIs and Socket.IO, reducing data latency by 60% and improving report accuracy.
- Configured Firebase Cloud Messaging for instant push notifications, increasing user engagement by 35% during pilot deployment.
- Developed and executed comprehensive unit tests (flutter_test) and self-led code reviews, resulting in zero crashes in the initial production release.
- Coordinated CI/CD workflows with GitHub Actions to automate build, test, and deployment pipelines, cutting release turnaround time by 40%.
- Collaborated remotely with stakeholders and iterated rapidly on feedback, streamlining report submission workflows and boosting pilot adoption by 50%.

Solo Full-Stack Web Developer

July 2025 - July 2025 (1 month)

Kota Surabaya, East Java, Indonesia

- Accelerated development through AI-assisted tooling (ChatGPT, GitHub Copilot), enabling faster architecture decisions and implementation with production-level reliability.
- Designed and developed a full-featured admin dashboard using Next.js (App Router), React, and TypeScript, completing the project solo in just 2 weeks.
- Built secure RESTful API endpoints with Next.js API Routes and MySQL, using bcrypt for password hashing and HMAC-signed sessions for secure authentication.
- Implemented role-based access control (RBAC) for 4 distinct user levels (superadmin, admin1, admin2, petugas), with access enforced via Next.js middleware.
- Integrated real-time features including push notifications via Firebase Cloud Messaging (FCM) and auto-refresh dashboard statistics via polling.
- Developed advanced reporting and activity logging modules, with server-side logging and a complete audit trail stored in `activity_logs` table.
- Enabled secure admin registration with pending approval workflow, login rate-limiting, and protection against SQL injection, CSRF, and session hijacking.
- Deployed to production using Vercel and Docker, with support for environment-based configuration and database migration scripts.
- Designed API compatibility with two Flutter mobile apps (warga & petugas), providing consistent session management and authentication across platforms.

- Used modular architecture with reusable React components, MUI for UI, and optimized database access with fallback support for offline mock data. with utility-based abstraction (DB handler, session utils, rate limiter, CSRF handler) and mock/test support.

ArcalisAI

6 months

AI Engineer

January 2025 - May 2025 (5 months)

- Developed and implemented AI systems, managing models like GPT and DeepSeek.
- Trained and optimized AI models for enhanced performance.
- Integrated AI APIs such as OpenAI and OpenRouter for seamless operations.
- Ensured optimal model performance through hyperparameter selection and fine-tuning.

Blockchain Developer

December 2024 - May 2025 (6 months)

- Developed smart contracts using Solidity for blockchain-based applications.
- Designed & implemented Rust-based Solana migration contracts to enhance project scalability and performance.
- Led the tech team in the end-to-end development of the entire project, ensuring efficient execution and deployment

CARV

Community Moderator

December 2023 - May 2025 (1 year 6 months)

Singapore

- Managed game night events, resolved support tickets, hunted bugs, and facilitated member interactions at Carv.
- Provided meticulous oversight of community activities, ensuring smooth user experiences.
- Collaborated with colleagues to enhance community engagement and support.
- Developed skills in community management, event coordination, and technical issue resolution.

Seeds

5 months

Community Lead

December 2024 - April 2025 (5 months)

Jakarta, Indonesia

- Managed partnerships with Web3 communities on revenue-sharing mechanisms through platforms like Discord and Telegram.
- Published regular posts in social sections to ensure community engagement and value delivery.
- Actively participated in discussions to strengthen community trust and foster a collaborative environment.

Digital Marketing Specialist

December 2024 - April 2025 (5 months)

Jakarta, Indonesia

- Managed and updated a question bank for Bank Soal Management, ensuring accuracy and error-free inputs.
- Produced and published two high-quality articles weekly in English and Indonesian, addressing market trends.
- Collaborated on market awareness campaigns, focusing on market updates and stock recommendations to attract potential clients.

Blockchain Developer

December 2024 - February 2025 (3 months)

Jakarta, Indonesia

- Developed and deployed code for a decentralized marketplace on the Diamante blockchain network.
- Implemented core marketplace features such as NFT minting, listing, buying, and selling mechanisms.
- Conducted extensive testing and optimization to ensure secure and efficient contract functionalities.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka Machine Learning Cohort

August 2024 - December 2024 (5 months)

Remote

- Developed advanced skills in Python, TensorFlow, Generative AI, and GANs through a comprehensive ML curriculum at Bangkit Academy.
- Designed and deployed an IoT-based Computer Vision system, achieving a 25% improvement in detection accuracy.
- Played a critical role in data collection, model optimization, and embedded system integration, delivering a prototype that enhanced production efficiency for SMEs.

Robotics Community UPN "Veteran" Jawa Timur
Autonomous Team President
November 2022 - November 2024 (2 years 1 month)
Surabaya, East Java, Indonesia

- Led the ASV division in the robotics community to secure second place in the prestigious KKCTBN 2023 and KKI 2024 championships.
- Developed innovative designs and advanced technology to push the boundaries of autonomous maritime technology.
- Collaborated with Puspresnas to showcase the forefront of robotics in maritime applications.

BEM Fakultas Ilmu Komputer UPN "Veteran" Jawa Timur
1 year
Research and Development Staff | Bidang Penelitian dan Pengembangan
2023 - April 2024 (1 year)
Surabaya, East Java, Indonesia

Event Organizer Chairman "Fasilkom Talk #4"
2023 - 2024 (1 year)
Surabaya

- Orchestrated the offline seminar 'Fasilkom Talk #4' on Artificial Intelligence and Data Science, fostering intellectual growth and professional development.
- Brought together participants to explore the transformative impact of AI and Data Science, providing hands-on engagement with technological advancements.

Vice Event Coordinator "Loka Karya"
2023 - 2023 (less than a year)
Surabaya

- Coordinated the planning and execution of a comprehensive Python programming and Machine Learning workshop, ensuring seamless logistics and effective communication.
- Contributed to the success of the event by creating an engaging learning environment, empowering participants with valuable insights.
- Aligned with the company's commitment to advancing technological proficiency within the academic community.

Event Organizer Chairman "Fasilkom Talk #3"
2023 - 2023 (less than a year)
Surabaya

- Organized and coordinated 'Fasilkom Talk #3' online seminar on AI and Data Science for BEM Fasilkom, engaging participants in insightful discussions.
- Facilitated a forum for intellectual growth and professional development, exploring the transformative impact of cutting-edge technologies.

GDSC UPN Veteran Jawa Timur

Member

August 2022 - August 2023 (1 year 1 month)

PT Imersa Solusi Teknologi

3 months

Junior Web Developer

May 2021 - July 2021 (3 months)

Nganjuk, East Java, Indonesia

Marketing Staff

May 2021 - July 2021 (3 months)

Nganjuk, East Java, Indonesia

Education

UPN "Veteran" Jawa Timur

Bachelor of Computer Science, Machine Learning · (2022 - 2026)

Universitas Terbuka

Bachelor Of Management, Business Administration and Management,
General · (May 2024 - May 2028)

SMK Negeri Mojoagung

Rekayasa perangkat lunak · (July 2019 - July 2021)