Septian Maulana

Full stack engineer building reliable products from database to interface

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Summary

I design databases, build APIs with NestJS and TypeScript, and the web and mobile apps on top of them, then run it all in production with CI/CD. I have shipped systems for an enterprise group and for Web3 clients, and I document them so the next team can carry them on.

Community

Years in software: 3 | Years in Web3: 6 | Years in environmental engineering: 7

Avalanche Indonesia community

Telegram members: 1,148 | As of Nov 2025 | t.me/avalanche_id

X followers: 1,751 | As of Nov 2025 | x.com/AvalancheID

Instagram followers: 310 | As of Nov 2025 | instagram.com/avax_id

Experience

Founder

Projecopedia

Apr 2026 to Present | Self-employed | Remote

- Founded Projecopedia to take technology-driven product ideas from identifying problems to designing and building practical solutions.
- Turning ideas into real projects by combining software engineering with product thinking and business skills.
- Ranked in the top 480 nationally at the Digdaya X Hackathon, hosted by Bank Indonesia, with Jalur AI.
- Represented Indonesia in the top 10 at Protocol Camp, hosted by ShardLab and Hashed, with Fitzaro, which has 9 clients.

Fitzaro

- Built Fitzaro at the SEABW 2026 Vibe Coding Hackathon in Bangkok: Southeast Asian asset owners sign in with Google or an email link, describe a farm, an invoice or a property in plain language, and Claude turns it into a token spec.
- Gave investors a marketplace of the tokenized assets, a yield calculator and an AI copilot that answers questions about each asset without crypto jargon.

Key Opinion Community (KOC)

Techlent

Feb 2026 to Jun 2026

Senior Software Engineer

DAO Labs

Dec 2024 to Mar 2026 | Full-time | Prague, Czech Republic | Blockchain Start-up

ilo.dao-labs.com

- Built full-stack web applications from scratch (database design, backend APIs and frontend) for 6 clients (RWA, Autonomys, Aitech, Avalanche, WAX, XPOLL), each serving 2,000+ active users.
- Architected and managed cloud infrastructure on Hetzner with CI/CD pipelines for seamless deployment and scalability.
- Led a cross-functional team to deliver mobile applications and Twitter scanner tools with high performance and reliability.
- Turned client and stakeholder needs into technical requirements and production-ready solutions.

Stack: TypeScript, NestJS, Next.js, React Native, PostgreSQL, MongoDB, Hetzner Cloud, CI/CD

Back End Developer
PT Astra International Tbk
Jul 2023 to Jan 2025 | Full-time | Jakarta, Indonesia | Automation Machinery Manufacturing

DSO

- Built a custom CMS from scratch on Strapi, serving 1,500+ users with secure role-based access.
- Documented the CMS architecture and workflows end to end.
- Provided maintenance and production support through the handover to the production team.

IR

- Shipped new roadmap features on the NestJS backend for about 50 enterprise users.
- Wrote detailed API endpoint documentation to support frontend integration.
- Kept the system stable and ran knowledge-transfer sessions before the project handover.

TSO

- Extended NestJS backend applications from detailed design documentation.
- Delivered new features and performance optimisations while keeping code quality high through consistent reviews and testing.

Stack: TypeScript, JavaScript, NestJS, PostgreSQL, Microsoft SQL Server

Community Manager
AVA Labs
Apr 2021 to Nov 2025 | Contract | New York, USA | Blockchain Start-up

- Built the Avalanche Indonesia community from the ground up to 1,148 Telegram members, 1,751 X (Twitter) followers and 310 Instagram followers through online campaigns, AMAs and educational programmes.
- Managed Avalanche Team 1 activations in Indonesia, driving local community engagement, partnerships and ecosystem adoption.
- Led event logistics and hackathon activations in Indonesia, collaborating with global teams.
- Collaborated with partners, universities and blockchain communities to expand Avalanche's regional presence.

Stack: Telegram, Discord, X (Twitter), Instagram, Medium, Notion, Canva

Ambassador
DAO Maker
Jul 2020 to Dec 2021

Community Member
AVA Labs
Feb 2020 to Present

Deputy HSE
PT Jones Lang LaSalle
Dec 2019 to Jul 2021

HSSE Supervisor
PT Pangansari Utama
Jan 2019 to Dec 2019

Environmental Staff
PT Danayasa Arthatama, Tbk
Nov 2017 to Jan 2019

Sustainability Palm Oil Certification Officer
PT SMART, Tbk
Feb 2017 to Jul 2017

Non Revenue Water Analyst
Palyja
May 2015 to Jul 2016

SHE Officer
PT Pamapersada Nusantara
Aug 2014 to Feb 2015

Achievements

Protocol Camp Cohort 9
ShardLab × Hashed | 2026 | Top 10, representing Indonesia
View project: Fitzaro

Digdaya X Hackathon
Bank Indonesia | 2026 | Top 480 semifinalist with Jalur AI

Garuda Academy Year II
Garuda Academy (FIFA, AFC, PSSI) | 2026 | Top 30 national talent, essay "The Missing Passport"

SEABW 2026 Vibe Coding Hackathon, Bangkok
Southeast Asia Blockchain Week | May 2026 | Built Fitzaro
View project: Fitzaro

AVA Labs weekly quiz
AVA Labs | Apr 2020 | Winner

Education

AWS AI Academy, Beginner and Fundamental courses
AWS × Dicoding | 2026

Full Stack JavaScript Immersive Program
Hacktiv8 | Feb 2023 to Jun 2023 | Teacher's Award | Grade 98.8 / 100
View certificate on Google Drive

Smart Contract Bootcamp
Encode Club | Feb 2023 to Apr 2023
View certificate on OpenSea

Smart Contract Foundation Bootcamp
Encode Club | Nov 2022 to Dec 2022
View certificate on OpenSea

Full Stack Web Development Bootcamp
Binar Academy | May 2022 to Nov 2022 | Most Progressive Student | Grade 5.0 / 5.0
View certificate on Google Drive

Bachelor of Environmental Engineering
Universitas Trisakti | Aug 2009 to Mar 2014 | Cum Laude | Grade 3.54 / 4.00