

# MATHIEU DUVERNEY

## Software Engineer & Tech Lead

Singapore | French | 31 years old

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mathieuduverney.dev

### PROFILE

Software Engineer & Tech Lead with 7+ years of experience building scalable solutions. Deep expertise in Web3, blockchain technologies, and AI-powered development. Proven track record leading development teams, delivering SaaS platforms used by 1500+ users worldwide, and successfully launching crypto projects including NFT collections on Solana generating over \$100K in sales. Passionate about decentralized technologies and finance.

### PROFESSIONAL EXPERIENCE

#### Senior IT Manager @ Bestinbrands

Dec 2019 - Present | Singapore

- Lead IT operations and software development, managing a team of 3 developers using SCRUM/Agile methodology
- Pioneering AI-assisted development using Claude Code and agentic tools to accelerate software delivery and code quality
- Architected and developed e-commerce platforms using Django, Shopify, and React with advanced SEO optimization
- Managed Salesforce customization and seamless integration with external software systems
- Built internal productivity tools with Python/Django, Vue.js, Node.js, and React

#### Product Owner & IT Manager @ Powata

Mar 2019 - Nov 2019 | Singapore

- Defined IT strategy and policies to support business growth
- Mentored and coached software development engineers on best practices and career development
- Managed IT budget, vendor relationships, and reported on expenditure to stakeholders

#### Lead Software Developer @ Powata

Dec 2017 - Mar 2019 | Singapore

- Led team of 6 developers building OptimMerchandising & OptimPromoter - retail SaaS platforms serving 1500+ users globally
- SCRUM Master: facilitated daily standups, sprint planning, and retrospectives for cross-functional teams
- Architected cloud infrastructure on AWS (ElasticBeanstalk, EC2, RDS, S3) with CI/CD pipelines
- Established coding standards and mentored junior developers on software engineering best practices

### TECHNICAL SKILLS

<b>Languages:</b>	TypeScript, JavaScript, Python, Rust, PHP, Java, SQL, Solidity
<b>Frontend:</b>	React, Next.js, Vue.js, React Native, Tailwind CSS, Framer Motion
<b>Backend:</b>	Node.js, NestJS, Express, Laravel, Django, REST APIs, GraphQL
<b>Blockchain:</b>	Solana (Anchor, SPL Tokens, Candy Machine), Ethereum, Smart Contracts, NFTs, DeFi, Web3.js
<b>Cloud &amp; DevOps:</b>	AWS (EC2, RDS, S3, Lambda), Docker, GitLab CI/CD, Vercel, Supabase
<b>Data &amp; Tools:</b>	MongoDB, PostgreSQL, Redis, Git, SCRUM/Agile, Jira, Claude Code, AI-assisted development

### EDUCATION

#### Master's Degree in Computer Science

2014 - 2017

ISEN Toulon, France - With complementary training in Management (Business & Project Management)

### SIDE PROJECTS

#### • Solana DAO Generator

Full-stack SaaS platform for creating and managing DAOs on Solana. Features wallet-only authentication, no-code DAO wizard, treasury management with multi-signature support, proposal creation, and on-chain voting mechanisms.

Tech: Next.js 14, NestJS, Solana/Anchor, SPL Tokens, Supabase, TypeScript

#### • Solana NFT Collections (Lead Tech)

Led technical development and launched two successful generative NFT collections on Solana blockchain generating over \$100,000 in sales. Built custom generative art engines, deployed via Candy Machine v3, and successfully listed on Magic Eden marketplace. One collection was a Metaverse project.

Managed community, whitelist strategy, and mint execution.

Tech: Metaplex Candy Machine v3, Magic Eden, Solana CLI, Node.js, Python (generative art)

#### • BioFlow

AI-powered health optimization platform analyzing biomarkers (cortisol, testosterone, dopamine) with hyper-personalized recommendations. Features 50+ factor onboarding and GPT-4 powered predictive health insights.

Tech: Next.js, OpenAI GPT-4, MongoDB, Tailwind CSS, Recharts

#### • Jobify

Two-sided recruiting marketplace with Tinder-style swipe matching. Real-time chat after mutual matches, recruiter pipeline management, and premium mobile-first user experience.

Tech: React Native, Expo, NestJS, MongoDB, WebSockets, TypeScript

### INTERESTS & COMMUNITY

Active participant in the Solana and Web3 ecosystem. Early adopter of AI development tools. Passionate about health and fitness optimization, tracking biomarkers and experimenting with evidence-based protocols for peak performance. Believer in the intersection of technology and human optimization.

References available upon request