

Aadarsh Velu

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Dubai, United Arab Emirates

Professional Summary

Started coding at 16 and joined a startup as an engineer at 18, now a Solutions Architect building and scaling AI and web systems. Grew in fast-paced environments, taking products end-to-end with a focus on execution, clean architecture, and leveraging AI to improve team productivity.

Skills

AI / ML: LLMs, Agentic AI, RAG, MCP Apps, MLOps, Fine-tuning	Languages: Go, Python, TypeScript
Frameworks: React, Next.js, Node.js, FastAPI, Gin, Django	Databases: PostgreSQL, DynamoDB, Redis, Firestore
Cloud & Tools: AWS, GCP, Azure, Docker, Kubernetes, Git	

Work Experience

- ❖ **Solutions Architect, Elyts Tech** Nov 2025 - Present
 - Own architecture and delivery for [tanat.app](#), a multi-chain crypto wallet, and [deploy.finance](#), a marketplace for autonomous trading agents with over \$1.5M Total Value Locked (TVL).
 - Built an MCP app powering swap, bridge, and on/off-ramp rails for [deploy.finance](#), serving 10K+ API requests/month.
 - Built AI tools [Hourglass](#) and [HireHouse](#) to automate daily operations, cutting hiring noise by 80% through multi-stage AI filtering, and then commercialized both products to create a new revenue stream for the company.
 - Grew and led a 12-person engineering team, owning hiring, mentorship, and delivery execution.
- ❖ **Full-Stack Engineer - AI, PieLabs Inc** May 2024 - Oct 2025
 - Built a computer-use QA agent that cut per-step decision time from 13.5 seconds to 5 seconds.
 - Engineered bounding-box targeting that lands accurately on UI elements, removing manual correction from the loop.
 - Architected an internal platform to log and monitor LLM input, output, and token usage.
 - Created a human-in-the-loop labeling portal used to fine-tune models.
- ❖ **Senior Full-Stack Engineer, SM Technology** Feb 2022 - May 2024
 - Built reusable business module packages that cut new project setup time and helped win new partners.
 - Also worked as data engineer, building ETL pipelines.
- ❖ **Junior Software Engineer, Orbital** Jun 2020 - Feb 2022
 - Built a reporting UI giving stakeholders live activity and business summaries.
 - Created a shared design system adopted across new products.

Projects

- ❖ [Syndicate](#): Personal AI news archiver that ingests Gmail, RSS, and Twitter, deduplicates across channels, summarizes with SLMs, publishes JSON to a Git repository, and serves as a zero-cost static PWA. Includes a Claude plugin with 11 skills.
Tech: Python, DSPy, Ollama, Gemma 3, React, PWA
- ❖ [Hirehouse](#): A chess-inspired hiring system that filters candidates through Resume scoring and AI video rounds, surfacing only top-tier finalists.
Tech: Next.js, Go, PostgreSQL, Firebase Authentication, Minimax-M3, Redis, Docker
- ❖ [Hourglass](#): A unified platform for timesheets, leave management, and IT expense tracking with AI-powered standup automation in Microsoft Teams and proactive task follow-ups.
Tech: Next.js, FastAPI, DynamoDB, Lambda, AWS Scheduler, Azure Bot Service, Gemini 2.5 Flash-Lite

Certification and Education

- ❖ ISO/IEC 42001 - AI Management Systems, Certified Auditor Apr 2026
- ❖ ISO/IEC 27701 - Privacy Information Management, Certified Auditor Jul 2026
- ❖ AWS Solutions Architect - Associate Feb 2023
- ❖ Executive Programme in Strategic Management, IIM Kozhikode Jun 2025 - Apr 2026
Batch 06, Grade: 85.6, Rank: 8, Executive Alumnus of IIM-K
- ❖ Vels Institute of Science and Technology - Chennai, TN Aug 2020 - May 2023
B.Sc. in Computer Science with Specialization in Cyber Security, First Class with Distinction