

# ARY MAULANA

Software Engineer | Fullstack, .NET & Node.js  
Indonesia | ary.maulana27@gmail.com  
*Seeking relocation abroad or remote options.*

## PROFESSIONAL SUMMARY

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Software Engineer with 8+ years of experience building and maintaining backend systems in Node.js and .NET, specialising in database design, T-SQL optimisation, third-party system integration and AI-assisted delivery. Currently delivering work across eight client projects for an Australian software consultancy.

I don't just blindly write code to a spec; I ask questions, challenge assumptions, and think critically about how the logic impacts the user flow and the underlying business process. Give me rough requirements, and I will take full ownership of turning them into a working, launched product, right down to the post-launch fixes. I value accountability and transparency, always keeping a clear line between what I have personally built and what we achieved as a team.

## PROFESSIONAL EXPERIENCE

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### Senior Software Engineer | Upscalix / VA For Everyone (Australia)

*June 2022 - Present | Remote*

- Delivered backend work across 9 client projects - 6 Node.js, 2 .NET and 1 Odoo - building some from scratch through to production and taking over others as ongoing maintenance and enhancement.
- Led and contributed to Node.js and .NET builds for Australian clients, delivering on schedule alongside front-end developers, project managers and business analysts.
- Integrated one or more third-party services per project - including Stripe, Google API, OAuth, ServiceM8, Cliniko and Splose - connecting each client's system to the platforms its workflow depended on.
- Built AI features into client products - including RAG-based document search and support chatbots over client data - and used AI coding assistants to shorten build and review cycles.
- Mentored junior developers through design reviews, raising implementation quality and keeping the team consistent across projects.
- Translated client and stakeholder requirements into technical specifications the development team could build from directly.

### Software Engineer | REA Kaltim Plantations

*April 2018 - June 2022 (4 years 2 months) | Kutai Kartanegara, Indonesia*

- Reduced salary and tax processing time by over 50% by rewriting and optimising T-SQL used in complex payroll calculations.
- Maintained one enterprise ERP system and four integrated desktop and mobile applications supporting connected workflows for internal users.
- Awarded Top Employee for four consecutive years for performance and contribution.
- Improved system reliability by resolving critical defects and shipping new features, with documentation prepared to SDLC standards for future maintenance.
- Gathered requirements through user interviews and studies, then designed the data analysis and reporting solutions that came out of them.
- Worked directly with HR, Accounting, Finance and Field Estate teams to align systems with business objectives.

### Cooperative Education Program (HR IS) | TotalEnergies

*April 2017 - December 2017 (8 months) | Balikpapan, Indonesia*

- Converted an Excel-based intern and apprentice database into a web tracking application, covering requirements gathering, development, testing and documentation.
- Built an Excel VBA tool that turned SAP data exports into an interactive dashboard for the HR team.

## SKILLS

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**Backend:** Node.js (Express, NestJS, Next.js), .NET Framework, C#, VB.NET, REST APIs

**Databases:** MS SQL Server, T-SQL (views, procedures, functions, triggers), PostgreSQL, MySQL, MongoDB, Prisma, EF Core, backup & migration

**Cloud & DevOps:** AWS (EC2, S3, Route 53, IAM, CodeBuild), Docker, Git, GitHub Actions, Vercel

**Integration:** Stripe, Google API, OAuth, ServiceM8, Cliniko, Splose

**AI:** LLM APIs (OpenAI, Anthropic), RAG and vector search, chatbot development, AI-assisted coding tools

**Practices:** System and database design, SDLC, Scrum, code review, technical documentation, requirements gathering

**Legacy & reporting:** Excel VBA, Crystal Reports, IBM Cognos, Azure Repos

## EDUCATION

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**Bachelor of Informatics Engineering | Mulawarman University (Indonesia)**

*Graduated July 2018 | GPA 3.71 / 4.00*

- Lecturer assistant for 4 semesters, teaching programming concepts and mentoring students.
- Received a full-time software engineering offer prior to graduation.

## LANGUAGES

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Indonesian (native) | English (professional working proficiency) [EF Credential](#)

## REFERENCES

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Available upon request.