Aren Clissold

Full Stack Developer

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Developer with four years building digital publishing products at Aeon Media, growing into primary backend responsibility within a five-person engineering team. Works across Ruby on Rails, AWS, GraphQL, TypeScript and React/Next.js to deliver backend, frontend and infrastructure changes in close collaboration with publishing teams.

Professional experience

Aeon Media Group Ltd July 2022 - June 2026

Full Stack Web Developer

- Owned the backend modernisation of a custom CMS used by 30+ editors and production staff, adding GraphQL APIs within Rails and contributing to a separate Next.js frontend. Enabled gradual adoption through a production beta alongside the legacy CMS.
- Implemented passkeys, two-factor authentication and improved session management. Managed user communications to support a smooth migration to the more secure platform.
- Reduced overall image-related costs by approximately 80% by moving image optimisation from Vercel to AWS (CloudFront, Lambda and S3). Delivered infrastructure, backend and frontend changes with SRE collaboration on Terraform deployment. The pipeline later enabled CMS image cropping.
- Led implementation of AI-generated article audio for Aeon and Psyche using the ElevenLabs API, building backend APIs and infrastructure. Assigned player design to a frontend developer and worked with production and marketing leads on narration quality and podcast distribution.

Easyweb Digital July 2021 - April 2022

IT Support Technician

- Tested hardware, flashed software and prepared networking equipment for deployment at the 2022 Sydney Royal Easter Show.
- Assembled and tested networking equipment for a programme serving 500+ Australian evacuation centres; supported contractors by phone with activation and proxy connectivity.

Technical skills

Backend & data: Ruby, Ruby on Rails, GraphQL, PostgreSQL, SQL, Redis, OpenSearch

Frontend: TypeScript, JavaScript, React, Next.js, HTML/CSS, Tailwind CSS

Cloud & tools: AWS (ECS, Lambda, CloudFront, S3, RDS), Terraform, Git

AI-assisted development: Experienced in using OpenAI Codex and Claude for code generation and reviews to improve code quality and speed up team delivery.

Education and languages

Bachelor of Biomedical Science | Monash University | 2017 - 2020

English | Native speaker

Japanese | JLPT N2 | August 2025