Aryan Ranjan

Full Stack Developer · Kolkata, West Bengal 700102, India | Open to relocating to Pune · contact@aryanranjan.dev · +91 78590 70065
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SUMMARY

Full-stack developer skilled in Java (Spring Boot), React, TypeScript, Node.js, PostgreSQL, and Docker. Builds secure REST APIs with role-based access control, responsive WCAG-accessible interfaces, and automated CI/CD pipelines. Shipped 10+ production websites - including Kopi Dua Darjat (50+ outlets, ~RM200K in estimated leads). Experienced in Agile/Scrum delivery and workflow automation with n8n.

Portfolio: aryanranjan.dev

EDUCATION

B.Tech / B.E. · Narula Institute Of Technology

Current

Present

CGPA: 7.2

EXPERIENCE

Founder & Full-Stack Developer · Ampire Studio

Current

Jul 2025 - Present

- Architect end-to-end client websites using Next.js, React, TypeScript, and Tailwind CSS, backed by Node.js/Express REST APIs with PostgreSQL/Prisma ORM and Firebase/Supabase.
- Ship 10+ client sites - including Kopi Dua Darjat (50+ outlets) and Fahmie Farhan Music - retaining 3 active clients (30% retention) through ongoing hosting, SEO optimization, and traffic monitoring, driving 5K monthly visits, 1K Google clicks, and 30K impressions.
- Translate high-fidelity mockups into responsive, WCAG-accessible UIs with reusable component architecture, ensuring cross-browser compatibility.
- Engineer authentication and role-based access control spanning 4 permission tiers; author test suites achieving 95% code coverage.
- Lead Agile/Scrum delivery across 3 client engagements, maintaining on-schedule releases through structured sprint planning and Git-based source control.
- Architect containerized PostgreSQL-backed REST APIs with Java Spring Boot, Docker, and Nginx on Vercel/AWS; build CI/CD pipelines automating build, test, and release workflows.
- Build workflow automations with n8n to streamline deployments; apply SEO and performance optimizations improving site speed and search discoverability.

Software Development Intern · Pinnacle Lab

Nov 2023 - Dec 2023

- Developed and integrated frontend components with server-side logic using WordPress, delivering full-stack features for production client sites.
- Diagnosed and resolved implementation bugs while managing CMS content updates, reducing turnaround time for site changes and improving release quality.

SKILLS

Java · Spring Boot · React · TypeScript · JavaScript · Node.js · Express.js · Next.js · HTML5 · CSS3 · Tailwind CSS · Python · PostgreSQL · SQL · Prisma ORM · Firebase · Supabase · REST APIs · Docker · Nginx · Vercel · AWS · Linux · Git · CI/CD · WordPress · n8n · WCAG Accessibility · Responsive Design · Role-Based Access Control · Agile/Scrum · OOP · Data Structures & Algorithms · Testing · Shell · DevOps · Distributed Systems

SELECTED PROJECTS

- Kopi Dua Darjat - Built the customer-facing site for a Malaysian coffee brand (50+ outlets) using Next.js, React, and TypeScript, generating ~RM200K in estimated lead value.
- Fahmie Farhan Music - Delivered a responsive artist portfolio for a Malaysian composer, translating branding requirements into a clean, maintainable Next.js build.
- Download Manager - Engineered an asynchronous download manager leveraging non-blocking I/O and modular architecture for concurrent file retrieval with structured error handling.
- Virtual Machine - Designed a stack-based virtual machine supporting instruction execution, program-state management, and runtime error detection from scratch.
- Convolutional Neural Network - Implemented convolution-based feature extraction and forward/backward propagation from scratch without ML libraries.

CERTIFICATIONS

- Programming in Java, NPTEL (Aug 2025 - Oct 2025)
- Cloud Computing, NPTEL (Jan 2026 - Apr 2026)
- Google for Developers - AI-ML Virtual Internship, AICTE (Oct 2025 - Dec 2025)

LANGUAGES

English · Hindi