

FAISSAL ZARWAL

Lead Software Engineer

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EDUCATION

National School of Applied Sciences

Master's-equivalent Engineering Degree in Computer Science

2014 - 2019

TECHNICAL SKILLS

Frontend

React • Next.js • Vue 2/3 • TypeScript • Redux Toolkit • Pinia • shadcn/ui • Material UI • Tailwind CSS • SSR

Backend

Node.js • NestJS • Express • PostgreSQL • Prisma • MongoDB • Redis • BullMQ

Cloud & DevOps

AWS • Azure • Docker • GitHub Actions • Vercel • Git • Jira

Testing & Observability

Cypress • Vue Test Utils • Sentry • Datadog • Google Analytics

Design & Product

Figma • Illustrator • Design systems • AI product development

SOFT SKILLS

- Technical leadership & Mentoring
- Ownership & accountability
- Client communication
- Cross-functional collaboration

LANGUAGES

- English (Fluent)
- French (Fluent)
- Arabic (Native language)

SUMMARY

Senior Software Engineer with 7+ years of experience across enterprise software, e-commerce, AI, and SaaS. Full-stack engineer with experience in team leadership, product delivery, legacy modernization, scalable architecture, and taking products from idea to launch.

WORK EXPERIENCE

Lead Software Engineer

Dbot Software • Bangkok, TH

Aug 2025 — Present • 1 yr 3 mos

- Lead engineering on an enterprise ERP platform, combining hands-on development with team leadership, delivery ownership and client collaboration.
- Lead a team of engineers and run Scrum ceremonies; refine and assign tickets before each sprint to reduce blockers and unclear work.
- Mentor developers through technical challenges and act as a bridge between engineering and the client.
- Helped migrate a legacy ERP system to a modern React and Spring Boot platform.
- Own code quality through reviews and shared engineering standards; co-built a unified design system with design tokens.

Lead Software Engineer

Safelligent Ltd • London, UK

Jan 2024 — May 2025 • 1 yr 5 mos

- Led development of an e-commerce platform for personalized books, using deep-learning models to generate unique AI scenes for customers.
- Shipped a cloud cost-reduction solution that cut expenses by more than 50%.
- Built end-to-end product flows for topic management, style customization, validation and automated digital-format generation.
- Improved client previews, printing coordination and order processing.
- Improved application speed by 25% and accelerated the book-generation pipeline by 30%.

Frontend Engineer

YPB Group • Bangkok, TH

Jul 2023 — Jan 2024 • 7 mos

- Extended an anti-fraud web application with customer-facing features.
- Built customizable product landing pages tied to unique QR codes for security verification and published to client domains.
- Added Cypress unit tests to improve reliability as the application grew.

Frontend Engineer

Manatal • Bangkok, TH

Sep 2021 — Jul 2023 • 1 yr 11 mos

- Reduced bug-resolution time by 30% by prioritizing issues with Sentry.
- Developed new features for recruitment software used by hiring teams worldwide.
- Shipped custom filters and the open API, making recruitment workflows faster and more flexible.

Full-Stack Engineer

Capgemini • Casablanca, MA

Oct 2019 — Nov 2021 • 2 yrs 2 mos

- Built internal tools that helped staff projects and improve operational efficiency.
- Designed and developed ISM, a web application for managing employee skills and certifications and improving project assignments.
- Automated Azure DevOps project setup by bulk-creating epics, tasks and stories from Excel.