

Zen Farhat | Senior Software Engineer

Melbourne, Australia

+61 422 614 830 • me@zenfarhat.dev • zenfarhat.dev • in zeneff
ZenFarhat

Professional Summary

Senior Software Engineer with 5+ years building scalable React applications that serve 1M+ daily users. Led frontend migrations, mentored 15+ developers, and delivered accessibility-compliant solutions generating \$2.3M in annual revenue. Expertise in React ecosystem, TypeScript, performance optimization, and full-stack development with Node.js and cloud architectures. Proven track record of reducing deployment times by 80% and improving application performance by 40%.

Technical Skills

Frontend: React, Next.js, TypeScript, JavaScript, HTML5, CSS3, TailwindCSS, Redux, Zustand, React Native
Backend: Node.js, NestJS, Express, Python, C#/.NET, REST APIs, GraphQL, PostgreSQL, MongoDB
DevOps & Tools: Docker, Expo, Azure, AWS, Vercel, GitHub Actions, Firebase, Supabase, Jest, Cypress, Agile/Scrum
Specialties: Performance Optimization, Accessibility (WCAG 2.1), Mobile Development (React Native/Expo), AI Integration, Team Leadership

Professional Experience

Agile Insights Dubai (Remote)
Contract Software Engineer Apr 2025 – Present

- Modernized React 18 frontend architecture by implementing micro-frontends, improving performance by 45%
- Developed React Native student onboarding app with Expo for iOS and Android, streamlining enrollment workflows
- Built unified cross-platform application architecture reducing development and maintenance overhead by 60%
- Integrated Azure AI services (Computer Vision, NLP) enabling intelligent document automation and analytics
- Enhanced WCAG 2.1 AA accessibility compliance, improving Lighthouse scores by 30%
- Led technical architecture decisions and established coding standards for improved team productivity

Frontend Simplified Dubai, UAE
Contract Software Engineer Apr 2024 – Present

- Architected React + NestJS learning platform serving 2200+ active users with real-time Socket.io chat
- Built cross-platform student learning app using React Native and Expo for iOS and Android deployment
- Implemented Docker containerization for microservices architecture ensuring consistent deployments across environments
- Developed AI-powered churn prediction system reducing student dropout rates by 35%
- Built RAG-based AI chatbot with vectorized course content for personalized learning support
- Created Next.js + Firebase analytics dashboard improving student accountability metrics by 50%
- Mentored 5 junior developers on code review, testing, and agile development practices
- Achieved 99.9% uptime with robust CI/CD pipelines and automated testing strategies

preezie Melbourne, AU
Frontend Engineer Aug 2021 – Jun 2024

- Led Angular to React 18 + TypeScript migration, improving performance by 40% and developer productivity by 25%
- Built widget platform serving 1M+ daily users across 500+ e-commerce sites, contributing to 15% revenue growth
- Achieved WCAG 2.1 accessibility compliance securing \$2.3M annual Dell partnership contract
- Developed Shopify React app improving merchant conversion rates by 22%
- Migrated BitBucket to GitHub Actions, reducing deployment time from 45 to 8 minutes (82% improvement)
- Implemented comprehensive testing strategy with Jest/Cypress achieving 85% coverage, reducing production bugs by 60%

Digital Solutions Consultancy Melbourne, AU
Frontend Engineer May 2020 – Jul 2021

- Built Next.js + TailwindCSS CMS with headless architecture for enterprise media client content management
- Implemented SSR/SSG improving page load speeds by 60% and SEO visibility by 40%
- Developed AWS S3 + CloudFront media pipeline supporting HD video streaming and asset optimization
- Created responsive design system ensuring pixel-perfect implementation across all devices and browsers

Notable Projects

React + Supabase <i>WoWdle - Viral Gaming Platform</i> Built Wordle-style game that achieved 100K users in first month with PostgreSQL leaderboards and 75% user retention through social features and community challenges.	100K+ Users 2024
Next.js + GPT-4 + Stripe <i>Roadmapped.ai - AI Learning Platform</i> Architected AI-driven learning platform with GPT-4 integration for personalized course generation, Stripe subscription management, and ML-powered adaptive learning paths.	SaaS Platform 2024
React + Node.js + PostgreSQL <i>Promptova - Self-hosted AI Platform</i> Created multi-model AI chat platform supporting OpenAI and Anthropic models with conversation management, usage tracking, and automated billing for enterprise clients.	Enterprise Solution 2023

Education

Victoria University <i>Bachelor of Biomedicine</i> Vice President, Biomedicine Society Student Mentor with 95% retention rate	Melbourne, AU
--	----------------------

Leadership & Recognition

Awards: Values Champion @ preezie (2023) - Recognized for technical excellence and collaborative leadership
Mentoring: Mentored 5+ junior developers with 80% promotion rate within 12 months
Architecture: Designed distributed systems serving millions of users with 99.9% uptime and sub-second load times

Interests

Game development (Unity/Godot), guitar performance, nature photography, hackathons, continuous learning through technical blogs and open source contributions
