

Anand Kaushik Parashar

SMB Systems Architect, Senior Full-Stack Software Engineer, CyberSecurity Analyst and Secure SDLC Leadership

Executive Summary

An experienced Systems Architect and Technical Leader with 15+ years of experience leading software development teams to deliver scalable and maintainable solutions, Anand specialises in Domain-Driven Design, Customer-Centric Secure SDLC, Distributed Systems Architecture and Strategic Technical Leadership. With experience in regulatory compliance, process/systems optimisation and change management, Anand emphasises security-mindedness across all levels of an organisation's product development and administrative operations with a special emphasis on risk assessment and vulnerability management. Anand has a demonstrated ability to align technological strategy with business values and objectives, fostering innovation and adaptability in fast-paced environments.

Core Competencies

- **Leadership:** Executive Leadership, Team Building, Cross-Functional Collaboration, Mentorship, Strategic Planning, Decision-Making, Conflict Management
- **Architecture:** Domain-Driven Design (DDD), Event Storming, Microservices, SOLID Principles, Clean Code, Systems Design, Test Driven Development / TDD (Automated Testing: Karate, Postman)
- **Technologies:** Node.js, Next.js, Vue.js, Nest.js, Flutter, Rust, TypeScript, Python, PHP, Drupal (Symfony), PostgreSQL, MySQL, MongoDB
- **Security:** API Hardening, DevSecOps, Vulnerability Assessments, Risk Assessment and Regulatory Compliance
- **Cloud & Infrastructure:** Docker, Supabase, Firebase, Linode, DigitalOcean, AWS, GCP, CI/CD Pipelines & Automated Deployment (Github, Jenkins, Kubernetes), Infrastructure as-Code (IaC: Terraform and Ansible), Hybrid Cloud
- **Project & Product Management:** Agile Methodologies, Lean / XP, Scrum, Product Roadmapping and Strategic Planning
- **AI Assisted Programming:** Experienced with use of OpenCode and Pi.dev for local-first AI assisted programming. Use of LM Studio and/or Ollama (both desktop apps and CLI tooling) for local LLM install and deployment. Experience with Llama.cpp alongside Docker for LLM configuration and securely contained inference. Experience with OpenAI's ChatGPT and Mistral's VibeCode as enterprise LLM providers including integration with OpenCode.

Certifications

- CompTIA Stacked Certifications: Security Analytics Professional, Cloud Admin Professional
- CompTIA: Project+, Network+, Cloud+, Security+ and CySA+
- ScrumAlliance: Certified Product Owner, Certified Scrum Master
- In Training: AWS Solutions Architect Associate

Professional Experience

DOTADIR | Sole-Proprietor – IT Consultant (Apr 2025 – Present)

- IT Software Design & Architecture
 - Custom software solutions tailored to business needs.
 - System architecture planning for scalability, performance, and security.
 - Integration of cloud - AWS, GCP, Vercel and other IaaS/PaaS public cloud solutions.
- DevOps & Automation
 - CI/CD pipeline design and implementation.
 - Infrastructure as Code (IaC) using tools like Github, Docker, Terraform, Ansible, etc.
 - Security hardening for servers, applications, and cloud environments.
- Startup & SMB IT Strategy
 - Technology roadmaps aligned with business goals.
 - Cost-effective IT solutions for growth and efficiency.
 - Training and documentation for teams.
- Cybersecurity Awareness & Support: Secure software development lifecycle (SDLC) consulting.

Faura Co. | Founding Systems Architect & Executive Engineer (Jul 2024 – Mar 2025)

- Hands-on Software and Systems Infrastructure Implementation: Contributing hands-on feature, fix and improvement delivery aligned with Product Roadmap using modern Full-Stack tech for both backend and frontend applications: Next.js, Express.js, Typescript, Rust, OpenAPI/Swagger, Automated Test Suites (Karate/Gatling, Rest Assured), AWS, Vercel, Supabase, PostgreSQL
- Systems Architecture: Consolidation and re-architecting of multiple codebases to meet high quality software architecture standards including SOLID and testable code.
- DevOps: Consolidation and re-architecting of multiple, disparate codebases without any CI/CD pipeline into a group of coherent applications with initial DevOps CI/CD workflows using custom shell scripts and server/host configuration improvements as well as automated test suites. This enabled any one or more applications (both front and back end) to be deployed and tested within minutes as opposed to hours.
- Agile SDLC: Setup the initial workflow for CI/CD integration with team communication tools including Jira and Slack along with configuration enabling traceability and observability of feature development status.
- IT Leadership: Worked with CEO and CTO to facilitate optimal customer & stakeholder collaboration and communications for both new and existing customers.
- Enterprise Architecture: Designed and maintained Domain Driven Design models through Event Storming activities.
- Security: Implemented initial set of security best practices and standards for the organisation including onboarding/offboarding documentation and review of compliance requirements from large customers.

BrainFx Inc. | Chief Technology Officer (Mar 2017 – Jul 2022)

- Defined technology roadmap aligned with business goals.
- Oversaw hiring strategies and system consolidation.
- Managed vendor evaluations and maintained vendor relations.

- Led internal security and compliance audits.
- Primary architect for new SaaS platform.
- Built and led internal engineering team.
- Managed full-stack development and technical training.
- Collaborated with external vendors and managed project delivery.

Presence Catalyst | Sole-Proprietor – IT Consultant (Jan 2015 – Mar 2017)

- Delivered web solutions for SMB clients.
- Managed full project lifecycle from scoping to deployment.
- Owned and ran a small-scale web development, interactive marketing asset development and website maintenance business.
- Developed and deployed interactive and analytics-capturing HTML5 Ad banners.
- Coordinated with customers, understanding their needs and translating them into technical requirements.
- Implemented technical requirements, developing new software, maintaining existing software systems and developing new interactive marketing assets.
- Oversaw client relationships, vendors, and project billing.
- Coordinated with the customers' other vendors as needed for joint vendor-to-vendor projects.

Myplanet | Senior Software Engineer & Team Lead (Jul 2011 – Jan 2015)

- Managed engineering, Scrum Master, and Product Owner roles simultaneously.
- Enhanced team velocity through improved Agile practices.
- Led CI/CD pipeline improvements and code quality initiatives.

Mission Statement

Committed to fostering resilient, inclusive engineering cultures through empathetic leadership and strategic technology direction, ensuring transparent, agile, sustainable growth.

Extra-Curricular Activities

- Participated in TechAlliance Startup Weekend Pitch Competition, London, ON.
- Volunteer for Fair Vote Canada.
- Participant in local CyberSecurity and software engineering groups and communities.