

Nafsin Vattakandy

Engineering Leader · Backend Architecture & Cloud Strategy

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PROFILE

Engineering leader and full-stack/cloud specialist with 16+ years building and operating production platforms for multi-brand automotive and enterprise clients across Bahrain and the wider GCC. I lead backend architecture and cloud strategy for Ebrahim K. Kanoo's technology team, spanning the customer-facing platforms for Toyota, Lexus, Motorcity, Jetour, Deepal, and CMC. I build the integrations between systems that do not naturally talk to each other — Salesforce, Oracle EBS, Drupal — and the resilience tooling that keeps the estate standing. Now looking to bring that end-to-end depth into a broader engineering leadership role: building and mentoring teams, owning technical strategy, and driving digital transformation at scale.

CORE STRENGTHS

- Backend & solution architecture
- Cloud strategy on AWS
- Disaster recovery & resilience
- Enterprise systems integration
- Multi-brand platform delivery
- Technical leadership & mentoring

EXPERIENCE

Ebrahim Khalil Kanoo B.S.C. (c) — Manama, Bahrain Jun 2024 – Present
Senior Specialist, Back End Development

- Lead backend architecture and cloud strategy for the group's technology team, across customer-facing platforms for Toyota, Lexus, Motorcity, Jetour, Deepal, and CMC.
- Led the disaster-recovery response to a major regional AWS outage, migrating 181 origins and 320 services across brands with zero downtime — recognised with the company's CARE Award.
 - Design and maintain the cross-region backup and disaster-recovery automation tooling used across the group's infrastructure.
 - Architect serverless AWS workloads — Lambda, DynamoDB, API Gateway, S3, CloudFront, Terraform — sized to stay cheap at rest and elastic at dealership peak.
 - Built the integrations connecting Salesforce, Oracle EBS, and Drupal, keeping published content and operational data consistent across systems that were never designed to interoperate.
 - Delivered shared multi-brand platforms — parts ordering, service booking, pricing, and vehicle configuration — so a new marque launches on proven foundations rather than a separate build.
 - Replaced long-lived AWS access keys with OIDC federation and infrastructure as code, making releases repeatable and least-privilege by default.

Ebrahim Khalil Kanoo B.S.C. (c) — Bahrain Apr 2015 – Jul 2024
Webmaster

- Led development, deployment, and ongoing management of corporate and dealership websites on Drupal and Joomla, owning delivery from architecture through production support.
- Migrated site hosting to AWS and progressively took on cloud architecture responsibility for the group's web estate.
- Administered and secured the Linux web servers behind multiple business-critical sites, maintaining high availability across the portfolio.

4SPOTS — Muharraq, Bahrain Apr 2013 – Mar 2015
Technical Lead

- Led PHP development and acted as technical point of contact for client web projects built on Drupal and Joomla.
- Directed day-to-day delivery for a small development team, holding code quality and on-time delivery across concurrent client projects.
- Extended Drupal and Joomla with custom modules and themes, and built front-end interactivity with jQuery.

- Supported digital operations for the group's Toyota, Lexus, and other automotive brand websites as e-business consultant.
- Delivered full-stack development across multiple customer-facing dealership sites, contributing to the group's early digital presence strategy.

- Developed, maintained, and resolved defects across client websites and internet applications, from build through production support.

- Built websites and internet applications, establishing the full-stack foundation that shaped a later specialisation in backend and cloud architecture.

SELECTED PLATFORMS

- Toyota & Lexus Parts Ordering Platform.** Fleet and dealer self-service portal. React and Vite over a serverless AWS backend (Lambda, DynamoDB, API Gateway), built to stay responsive under dealership peak load.
- Multi-Brand Service Booking Platform.** One booking experience across Toyota, Lexus, Motorcity, and Denso, with brand-aware business rules, workshop capacity and scheduling workflows, and a shared component system.
- EKK Price Checker.** Mobile-first progressive web app putting live parts pricing on counter and showroom staff devices. Barcode scanning, offline-ready caching for weak-signal service bays, multi-region deployment.
- Deepal Spec Stand.** Showroom vehicle configurator for a new EV marque, backed by an S3-triggered image processing pipeline that derives optimised renditions automatically on upload.

RECOGNITION

- CARE Award, Ebrahim K. Kanoo (2026).** For leading the disaster-recovery response to a major regional AWS outage with zero downtime across brands.
- Excellence Award, Ebrahim K. Kanoo (2023).** Group-level recognition for delivery on the technology platforms behind the business.

TECHNICAL SKILLS

Frontend	React, TypeScript, Vue / Nuxt, Vite, jQuery, progressive web apps
Backend	PHP, Node.js, Python, REST APIs, event-driven services
Cloud & infrastructure	AWS Lambda, DynamoDB, S3, CloudFront, API Gateway, Terraform, OIDC federation, Linux server administration
Resilience	Cross-region disaster recovery, backup automation, high availability, incident response
Delivery	GitHub Actions, CI/CD, infrastructure as code, least-privilege access
Enterprise systems	Salesforce, Oracle EBS, Drupal, Joomla, MySQL

EDUCATION

COMMUNITY

- Stack Overflow.** 657 reputation across 1 gold, 6 silver, and 9 bronze badges, contributing since 2013. Most active answering amazon-web-services, php, amazon-ec2, linux, amazon-cloudfront, and drupal.

ADDITIONAL

Certifications	Certified Generative AI Expert™, Blockchain Council (Nov 2023 – Nov 2033), Introducing Robotic Process Automation, LinkedIn (Dec 2024)
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