

Skander Benali

Full-Stack Software Engineer

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Profiles

skanderbenali skander-benali Portfolio

Summary

Full-Stack Software Engineer with hands-on experience developing applications for web, desktop, and mobile platforms. Proficient in JavaScript frameworks, Java-based APIs, and DevOps tooling. Currently deepening knowledge in machine learning and cloud automation, with emphasis on writing maintainable, efficient code and solving technical challenges effectively.

Experience

Infotexa July 2024 – Present
Software Engineer remote

- Architected and deployed a MERN platform on AWS using Docker, improving development speed by 30%.
- Delivered technical support and implemented CI/CD pipelines via GitHub actions, reducing manual deployment time by 40%.
- Set up real-time monitoring and CI/CD pipelines with Kibana and GitHub Actions, ensuring 99.9% system uptime.

Freelance 2020 – Present
Full-Stack developer remote

- Delivered 10+ custom applications including AI-integrated dashboards, CMS platforms, and e-commerce sites for global clients.
- Engineered a template-driven static site generator, reducing site setup time by 80%.
- Streamlined client workflows with Node.js automation tools, saving ~10 hours/week in manual tasks.

DGtal September 2023 – June 2024
Engineering Intern France

- Engineered a real-time geolocation system using Node.js, Redis, and ELK stack, improving event processing time by 40%.
- Architected backend services using Node.js, Express, and TypeScript; handled 50K+ messages daily through Redis and RabbitMQ to ensure efficient asynchronous processing.
- Developed dashboards with Nuxt.js and AngularJS styled with TailwindCSS, improving reporting speed by 40% and reducing user query resolution time.
- Deployed Dockerized services across multi-stack environments, increasing deployment consistency and achieving 99.9% service uptime.

Education

Esprit School Of Engineering 2018 – 2023
Software Engineering

Projects

Multi-Store Inventory Dashboard 2025
Lead Developer, Freelance

Built a real-time inventory tracker for Shopify, Etsy, and Amazon using Node.js and React. Managed 10K+ SKUs and automated stock alerts to reduce manual work by 70%.

API integration, Laravel, Inertia.js, PHP, React, TailwindCSS, SQL

Elasticsearch PostgreSQL Data Indexer 2024
Lead Developer, Freelance

A Node.js-based tool that extracts and transforms data from a PostgreSQL database and indexes it into Elasticsearch, enabling near real-time search across datasets of 50K+ records. Improved query efficiency by up to 60% by maintaining consistent indexing between sources

elasticsearch, Node.js, Express.js, PostgreSQL

Skills

Languages

JavaScript, TypeScript, Java, Python, PHP, C++, C#, Bash, SQL, HTML5, CSS3

Frameworks & Libraries

React, Vue, Angular, Nuxt.js, Next.js, Node.js, Express.js, NestJS, Symfony, Laravel, .NET, Spring Boot, FastAPI, JavaFX, JQuery, Bootstrap, TailwindCSS

Databases

PostgreSQL, MySQL, MongoDB, Oracle, Redis, Elasticsearch, Firebase, Supabase

Tools & DevOps

Docker, Git, GitHub Actions, GitLab CI/CD, Terraform, CircleCI, Kibana, Logstash, RabbitMQ, Vite, Jenkins, SonarQube, Grafana, Bitbucket

Cloud & AI

IBM Watson (NLP/Visual Recognition), Vortex AI (Real-time ML), OpenAI API, AWS

Other

GraphQL, REST APIs, WebSockets, OAuth2/JWT, XML, Jest, Mocha, Cypress, Postman

Certifications & Training

Generative AI Fundamentals badge
Microsoft
badge

Introduction to Generative AI
Google
badge

Responsive Web Design Certification
freeCodeCamp
certificate

Volunteering

JCI Tazarka
Media Consultant
2021
Nabeul, Tunisia

Tunivisions Esprit
Event Manager
2021
Tunis, Tunisia

Tunivisions Esprit
Sponsorship Manager
2022
Tunis, Tunisia