

Full-Stack Developer Martin Lupa

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SUMMARY

- For the past 4 years, my main skills are centred around JavaScript, TypeScript, Go, Next.js, Node.js, AWS, and CI/CD.
- Technologies I've used daily include React, Next.js, Vercel, Github Actions, Express, AWS (EC2, EKS, RDS, DynamoDB Lambda, API Gateway, EventBridge, SQS, and SNS).
- Recently worked with Iskaypet Group (E-commerce and retail platform), and DFDS (B2B and B2C marketing pages, and multiple internal tools).
- Passionate about Frontend/Backend integration, event-based architectures, and DevOps practices.
- My BSc in Accounting and Business Administration, combined with an MSc in Software Design, equips me to deliver valuable apps, aligning tech with business goals.

TECHNICAL SKILLS / TOOLS

Programming Languages: JavaScript, TypeScript, Go (Also worked with: Python, Java, C#)

Frameworks & Libraries: React, NextJS, Node.js (Express, MVC)

DevOps & Infrastructure: Docker, Terraform, Kubernetes, AWS, Nginx, Traefik, Github Actions

Testing: Jest, Cypress, Playwright

Databases, Query Languages, CMS: SQL, PostgreSQL, DynamoDB, MongoDB, GraphQL, Contentful

Other Technologies: tRPC, gRPC, OpenTelemetry, Grafana

EDUCATION

IT University of Copenhagen
MSc in Software Design

Copenhagen, Denmark
Aug 2022 – Jan 2025

CodeSpace Academy
Full-Stack Web Development Bootcamp

Málaga, Spain
Sep 2021 – Mar 2022

Litoral National University of Economical Sciences
BSc Accounting, Economics and Administration

Santa Fe, Argentina
Mar 2008 – Dec 2016

WORK EXPERIENCE

Fullstack Developer - B2B, B2C Website and Platform Tools
Apr 2024 – Present

DFDS

Copenhagen, Denmark

Refactored Next.js platform data fetching process by splitting API requests between REST and GraphQL in Contentful, optimizing queries, and reducing query complexity, **reducing build times** and eliminating API rate limit and query complexity errors.

Migrated Next.js app to app router with CSR and SSR, **enhancing rendering flexibility** and user experience.

Implemented Microsoft PowerApps form and Next.js API route, **configured** a webhook in PowerApps to trigger the API route on table updates, **streamlining data entry** by enabling single-user input with schema validation.

Maintained and enhanced the company's CloudFront-based reverse proxy with Lambda@Edge, configuring new routing rules and origins, and debugging use cases such as to enable specific header passthrough and support WebP image formats for Next.js platforms.

Developed low-code/no-code dashboards using Retool to address stakeholders' needs while a permanent solution was under development.

Refactored CI/CD pipelines using GitHub Action reusable workflows and Vercel CLI, **enabling flexible deployment** for multiple teams.

Extended Node.js (NestJS) backend for CRM and notification integrations (email, Slack, and Microsoft Teams).

Integrated deployment pipeline notifications into Slack and configured redeployment webhooks, **reducing manual intervention** in team workflows.

Proposed a POC to fully refactor the existing reverse proxy setup by migrating it to a Vercel-based architecture, supporting the target architecture diagrammed by the company's Enterprise Architecture team.

Conducted code reviews, **improving code consistency** and team knowledge sharing.

Mentored student assistant and new hires, **accelerating project contributions**.

Organized workshops for bootcamp students, **enhancing skills** and supporting hiring processes.

Technologies/frameworks used: Next.js, Node.js (NestJS), Vercel CLI, React, Contentful, CI/CD, Slack APIs, TypeScript, JavaScript.

References: Alexandros Dorodoulis, email: alexandrosdor@gmail.com, LinkedIn: linkedin.com/in/alexandrosdorodoulis/

Student Developer - B2B Website and Platform Tools

DFDS

Jan 2023 – Mar 2024

Copenhagen, Denmark

Designed Contentful content models and React components, **enhancing platform flexibility** for new business use cases.

Integrated gRPC API calls for Teamtailor and EasyCruit, **improving recruitment workflows**.

Refactored codebase into modular packages, **enhancing maintainability** for future development.

Technologies/frameworks used: Contentful, React, gRPC, JavaScript, TypeScript.

References: Alexandros Dorodoulis, email: alexandrosdor@gmail.com, LinkedIn: linkedin.com/in/alexandrosdorodoulis/

Associate Software Developer - E-commerce Website + OMS Microservices

Iskaypet Group

May 2022 – Oct 2022

Málaga, Spain

Developed Go microservices, **strengthening** Order Management System for efficient order processing.

Implemented event-driven architecture—with AWS EventBus, SQS, DynamoDB, **enabling reliable processing** of high message volumes.

Refactored Node.js controllers in MVC project, **improving backend-frontend integration**.

Built React.js product list and details pages, **enhancing e-commerce user experience**.

Technologies/frameworks used: Go, Node.js, React.js, AWS EventBus, SQS, DynamoDB, JavaScript, TypeScript.

References: Vanessa Lopez, email: vclopezrodriguez@gmail.com, LinkedIn: linkedin.com/in/vanessa-lopez-rodriguez

PAST PROFESSIONAL EXPERIENCE

The non-IT-related past experience has been excluded, but it can be found on my LinkedIn profile. This includes a range of experiences in Accounting and Auditing within both the private and public sectors, including two internships in Copenhagen.

VOLUNTEER WORK

Lead Mentor and Teaching Assistant

HackYourFuture Denmark (www.hackyourfuture.dk)

Nov 2022 – Ongoing

Copenhagen, Denmark

Hosted in-company workshops on rendering strategies using Next.js.

Assisted in JavaScript, React, and Node.js modules.

Conducted code reviews with an emphasis on readability and reusability.

SPOKEN LANGUAGES

English: Full professional proficiency (IELTS and CAE, C1 level)

Spanish: Native speaker

Danish: Basic proficiency (passed A1 and A2 modules of Danish language education)