Johan M. Mesa

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SUMMARY

Fullstack developer based in Boston, MA with experience building complete web applications from UI to database. Strong problem solving abilities and a focus on writing clean, maintainable, and reliable code. Committed to continuously improving my development skills through real world projects.

COMPETENCIES & TECHNICAL SKILLS

- **Frontend:** Next.js, React, React Router, Vite, Astro, HTML, CSS, Typescript, Javascript.
- **Tools:** Git, Github, Vscode, npm.
- **Test:** Jest, Vitest, Supertest, React testing library.
- **DevOps / Deployment:** Vercel, Railway, GCP, Docker, Webpack.
- **Backend:** Node.js, Express, REST APIs.
- **Database:** PostgreSQL, Prisma ORM, SQL.
- **Other Languages:** Java, C++, Python, C, Lua.

RECENT PROJECTS

JohanCodes (Blog Website) http://blog.johanmesa.com/
- Added secure authentication and JWT session handling via HTTP-only cookies.
- Enabled users to post comments on articles.
- Built an author dashboard with post management, comment moderation, and visibility toggles.
- Developed full CRUD operations for post and users.
- Integrated PostgreSQL with Prisma ORM for reliable data modeling and storage.
- Deployed the frontend in Vercel and backend in Railway.

Where are they? (Photo Tagging App) http://wherearethey.johanmesa.com/
- Implemented image tagging UI using custom mouse/touch event handling.
- Built unit/integration tests with Vitest, RTL, Jest, and Supertest.
- Developed leaderboard where players can see where they rank based on time taken to find all characters.
- Deployed the frontend in Vercel and backend in Railway.

WORK EXPERIENCE

Fullstack Developer | Boston, MA 2021 - Present
M&M Construction Landscape and Masonry
- Built a Next.js website that increased customer inquiries by 50%.
- Produced a fully functional backend with Express.js and Prisma, including REST APIs for services, reviews, estimates, and contact submissions.
- Implemented a scalable PostgreSQL database (Neon) to manage client inquiries, project details, and service listings.
- Connected the Google Maps Distance Matrix API to calculate how far a client is from our service area and automatically determine whether a travel fee should be applied for in-person estimates.
- Developed an internal lead management dashboard for employees to view, track, and update incoming leads.

Servicedesk Intern | Boston, MA 2018 - 2019
Carbonite Inc.
- Used HTML and CSS to make some changes to the company's intranet
- Provided Technical support for 300+ users

EDUCATION

The Odin Project 2024 - 2025
Full Stack Javascript

Benjamin Franklin Institute of Technology | Boston, MA 2018 - 2022
Associate of Science in Computer Technology

Wentworth Institute of Technology | Boston, MA 2026
Bachelor of Science in Computer Science