

MARCIN GARSKI

 [linkedin.com/in/marcin-garski](https://www.linkedin.com/in/marcin-garski)

I am a Junior Fullstack Developer with hands-on experience developing modern web applications using React ecosystem on the frontend and Nest.js with PostgreSQL on the backend. Proficient in building scalable, testable applications with emphasis on clean code and performance optimization. Skilled in implementing JWT authentication, E2E testing, and cloud deployments using AWS. Experienced in collaborative environments with version control and CI/CD pipelines. With 9 years of professional experience in the U.S., I bring strong problem-solving abilities and commitment to staying current with industry best practices.



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<https://github.com/margsoftbf>



SKILLS

Front-end Development:

JavaScript, TypeScript, React, Next.js, Redux, Tanstack Query, Tailwind CSS, SASS, Jest, React Testing Library

Languages:

Polish (Native),
English – C1 (US Citizen)

Backend Development:

Nest.js, Node.js, PostgreSQL, TypeORM, RESTful API, JWT/OAuth, MongoDB, Postman, AI/LLM Solutions

DevOps & Tools:

AWS, Docker, Git, Github Actions, CI/CD, Figma, Adobe Photoshop



PROFESSIONAL EXPERIENCE

August 2024 – Present | **Fullstack Developer**

MIG Construction & ConstrAccion App

Remote, Poland

- Developing and maintaining web applications using React, Typescript, Next.js and Tailwind on the frontend
- Building scalable and secure APIs with Nest.js and Postgres for backend services, implementing database operations with TypeORM including filtering, sorting and custom queries
- Managing AWS cloud infrastructure including Cognito authentication, Lambda functions, App runner deployment, Amplify hosting, S3 storage, and SES email services.
- Collaborating in a cross-functional team to implement fullstack solutions, ensuring responsiveness, performance, and a seamless user experience.
- Handling database management and optimizations for improved system efficiency.
- Integrating third-party services and managing cloud infrastructure.
- Integrating AI/LLM solutions for enhanced application functionality and user experience
- Writing comprehensive End-to-End tests for backend services and monitoring application errors through Sentry.io
- Leading full-cycle feature development from database design through API creation to frontend implementation and user deploy.

June 2019 – May 2024 | **E-commerce Specialist**

A&J Vacuum Services Inc.

Clifton, NJ, United States

- Optimized daily e-commerce operations, including content creation, SEO, and product listings.
- Enhanced Google ranking and user engagement through best practices in content strategy and analytics.
- Collaborated with teams to ensure updated content across the platform, monitoring product performance.

July 2015 - May 2019 | **Machine Operator**

Precision Custom Coatings

Totowa, NJ, United States

- Operated and maintained custom coating machinery, ensuring quality control and customer satisfaction.
- Adjusted process within specifications, maintaining work area in accordance with all applicable safety and environmental policies.

August 2012 - May 2015 | **Call Center Operator**

Solid Security

Katowice, Poland

- Managed all outbound calls for customers to inform alarm activation instances as reported by Solid Security's managed services.
- Handled customer inquiries, offering solutions and maintaining high service standards.



PROJECT EXPERIENCE

Real Estate Full Stack Application - Next.js, React, Typescript, PostgreSQL, Nest.js, Typeorm, AI Integration

LIVE Application: <https://real-estate.marcingarski.com/>

- Developed a comprehensive real estate platform with property listings, advanced search, and AI-powered descriptions.
- Built full CRUD functionality enabling landlords to create, edit, delete, and manage their property listings with image.
- Implemented role-based authentication system (Landlord/Admin/Tenant) with secure JWT and Supabase integration.
- Integrated Google Gemini AI for automatic property description generation, reducing listing time by 70%.
- Architected scalable backend using NestJS, PostgreSQL, TypeORM with comprehensive API endpoints and pagination.
- Implemented comprehensive testing suite with Jest (e2e tests) and React Testing Library for components
- Deployed full-stack application using Docker containerization, GitHub Actions CI/CD and Vercel platform.

Technologies: Next.js, React, TypeScript, NestJS, PostgreSQL, TypeORM, Google Gemini AI, Docker, Supabase, TailwindCSS, TanStack Query, Framer Motion, Jest, React Testing Library, Github Actions, Zod, React Hook Form.

<https://github.com/margsoftbf/real-estate>

More projects available on GitHub: <https://github.com/margsoftbf>



EDUCATION

2022 - Present | **Web Development Studies**

Online Education

- Completed comprehensive React and Next.js courses by Maximillian Schwarzmuller
- Node.js and backend development training by Maximillian Schwarzmuller
- Frontend development training through MMC School
- Continually expands technical knowledge in Web Development through online programs.

May 2012 | **High School Diploma**

Katowice, Poland

- Specialization: IT Technician, Designation, Specialization in Graphics.



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