

Michael Malecki

FULL STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with over 6 years of experience building production-ready web, mobile and desktop applications using Next.js, TypeScript, React, React Native, Node.js, NestJS, Express, PHP, SQL and NoSQL databases. Experienced in designing scalable backend systems, implementing authentication and authorization, building administrative dashboards, and creating reproducible development workflows. Strong background in technical documentation, testing, containerization with Docker, and developing complete end-to-end software solutions. STEM enthusiast with experience in Networking and Cybersecurity.

PROFESSIONAL EXPERIENCE

Full Stack Engineer (Freelance / Contract) | Upwork

2022 – Present

- Built and developed full-stack websites and mobile applications websites for a diverse range of clients on the Upwork platform.
- Implemented responsive web design principles to ensure optimal user experience across various devices and screen sizes.
- Architected multi-file software projects with scalable folder structures and maintainable code organization.
- Built secure authentication systems with JWT, refresh tokens, role-based access control, and session management.
- Created technical documentation, setup guides, and developer onboarding materials.
- Designed database schemas, relationships, and optimized queries for high-performance applications.
- Built dashboards, workflow systems, management platforms, and data-driven business applications.
- Developed testing and validation workflows to improve software reliability and maintainability.
- Integrated third-party plugins, tools, and packages to enhance website functionality and meet client-specific requirements.
- I seamlessly integrated/ Transferred Domain and Hosting.
- Worked with Elementor Pro to Design Customized Pages
- Troubleshoot and resolved technical issues, including website bugs, performance optimization, and plugin conflicts.
- Managed project timelines, milestones, and client communication effectively to deliver projects on time and within budget.

Chief Product Officer | Cinnoc

2022 – April, 2026

- Led the product vision, roadmap, and feature prioritization for a cloud-based inventory and accounting platform designed for small and medium-sized businesses.
- Collaborated closely with engineering, design, and stakeholders to translate business requirements into scalable software solutions.
- Defined product specifications, user stories, and acceptance criteria to guide agile development cycles.

- Conducted user research and analyzed customer feedback to drive continuous product improvements and increase user satisfaction.
- Worked alongside development teams to deliver features including inventory management, sales tracking, expense management, invoicing, financial reporting, and user administration.

Chief Technical Officer | Liberty Hills Systems

December, 2023 – July, 2025

- Led the technical architecture and software development of a platform connecting customers with certified electrical technicians for installations, maintenance, and repair services.
- Designed and oversaw development of scalable web applications and backend APIs using modern JavaScript and TypeScript technologies.
- Established software engineering standards, code review processes, and development workflows to improve code quality and team productivity.
- Directed the implementation of secure authentication, role-based access control, appointment scheduling, payment integration, and service request management.
- Collaborated with cross-functional teams to deliver customer-focused features while maintaining application scalability, security, and reliability.
- Managed cloud deployments, system maintenance, performance optimization, and ongoing platform enhancements.

Senior Frontend Developer | Valvitek

July, 2021 – October, 2023

- Developed responsive, high-performance web applications for startups and enterprise clients using React, Next.js, TypeScript, and modern frontend technologies.
- Built reusable UI components and scalable frontend architectures to improve maintainability and development efficiency.
- Collaborated with backend developers to integrate RESTful APIs and deliver seamless user experiences.
- Optimized application performance, accessibility, SEO, and responsiveness across desktop and mobile devices.
- Participated in code reviews, debugging, testing, and continuous improvement initiatives to maintain high software quality.

AI TRAINING & ANNOTATION EXPERIENCE

Freelance | 2025 – Present

- Annotated image, text, and multimedia datasets following detailed project guidelines.
- Classified visual content into predefined categories to support machine learning model development.
- Verified annotation accuracy through quality assurance reviews and consistency checks.
- Maintained high annotation precision while meeting productivity targets.
- Reported ambiguous cases and documented edge cases to improve annotation guidelines.

EDUCATION

Bachelor of Science:

Geology

Dec, 2017 – July, 2022

TECHNICAL SKILLS

- Frontend: Next.js, React, TypeScript, JavaScript, Tailwind CSS, Material UI
- Backend: Node.js, Express.js, NestJS, Python, REST APIs, JWT Authentication
- Databases: PostgreSQL, MySQL, MongoDB, Redis
- DevOps: Docker, Git, GitHub, Vercel, Cloudflare, Linux
- Testing & Validation: Zod, API Testing, Reproducible Workflows
- Other: NextAuth, Axios, Nodemailer, WebSockets
- AI Annotation Skills
- Prompt Engineering
- AI Response Evaluation
- Annotation Quality Assurance
- Ranking & Preference Evaluation
- Technical Writing
- Code Review
- Rubric-Based Assessment

SOFT SKILLS

- Attention to Detail
- Analytical Thinking
- Critical Thinking
- Rubric Interpretation
- Content Evaluation
- Technical Communication
- Code Review
- Logical Reasoning
- Attention to Detail
- Critical Thinking