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MICHAEL PAVARINI

FULL STACK WEB DEVELOPER | SOFTWARE ENGINEER

Full Stack Developer with 7+ years of experience designing, building, and maintaining production web applications and websites using modern front-end and back-end technologies. Proven background delivering scalable, performance-focused solutions across client and product-driven environments, with hands-on experience in cloud deployment, database design, API development, and SEO-conscious architecture. Founder-level ownership with a strong focus on clean code, maintainability, and real-world business impact.

CONTACT

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SKILLS

BACKEND & CLOUD

- MERN, MEAN, LAMP Stack
- Core PHP
- CodeIgniter
- Laravel
- Node.JS
- Python
- Ruby on Rails
- C#
- Azure
- AWS & AWS Cloud
- WHM & cPanel
- ASP.NET & ASP.NET Core

FRONTEND & MOBILITY

- HTML5
- CSS3
- JavaScript
- jQuery
- Angular
- React
- Java
- React Native
- Flutter
- Swift & Swift UI
- Objective C
- Kotlin

DATABASE & AI

- MySQL
- PostgreSQL
- NoSQL
- MariaDB
- MongoDB
- OpenAI API (GPT, Whisper)
- Azure OpenAI
- Claude (Anthropic)

BUSINESS & DIGITAL

- Adobe Creative Suite
- Microsoft 365 Suite
- SEO
- Google Analytics
- Social Media Marketing

EXPERIENCE

FOUNDER & DEVELOPER 📅 Mar 2020 - Present

📍 *Silky Studio, White Plains, NY*

- Established and scaled a web development studio delivering cost-effective, modern websites for small businesses and startups, delivering 15+ client websites annually. Managing cloud infrastructure and hosting environments across AWS and Azure, administering Linux servers, WHM/cPanel, SSL, backups, monitoring, and maintaining >99.9% uptime across client systems.
- Designed, developed, and deployed responsive front-end interfaces and scalable back-end services using React, JavaScript, PHP, Node.js, WordPress, and RESTful APIs, supporting client platforms with thousands of monthly visitors.
- Defining project scopes, timelines, and budgets, consistently delivering projects on time and within budget while maintaining 100% client satisfaction. Applying SEO-focused structured data, site architectures, and performance optimizations, resulting in measurable improvements in page load speed and increased organic search visibility for client websites.
- Served as a mentor for UConn and Columbia University 2U coding bootcamps, supporting dozens of early-career developers with guidance on web development best practices, workflows, and professional standards.

FOUNDER & DEVELOPER 📅 Mar 2016 - Jan 2022

📍 *Trail's Head, White Plains, NY*

- Founded, researched, and developed a data-driven web platform and implemented core systems, including search functionality, data organization, and custom content management workflows. Built and maintained scalable back-end services and responsive front-end interfaces, balancing performance, reliability, and maintainability over multiple iterations of the product.
- Improved operational efficiency and margins by reducing recurring infrastructure and SaaS costs by ~20-30% through vendor evaluation, contract renegotiation, and tool consolidation.
- Managed the full application lifecycle, including development, testing, deployment, monitoring, and maintenance, supporting a growing user base and continuous feature expansion. Applied security and data protection measures, including encryption, access controls, and threat analysis. Monitored and analyzed application and network traffic, identifying performance bottlenecks and executing optimizations to improve system stability.
- Business was accepted to Southern Tier Incubator's inaugural class. Patent application filed for core platform capabilities.

PUBLICATIONS

SYSTEM AND METHOD TO STORE WEB ADDRESSES AS IMAGES

United States Patent Application - US 2018/0330003-A1 📅 Nov 2018

EDUCATION

BACHELOR OF SCIENCE - MOLECULAR BIOLOGY 📅 May 2013

📍 *SUNY Binghamton, Binghamton, NY*

ASSOCIATE OF SCIENCE - MATH AND SCIENCE 📅 Dec 2010

📍 *SUNY Westchester, Valhalla, NY*