

Tim Van Cauwenberge

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Full-Stack Engineer (3+ YOE) | Scalable Web & Desktop Apps | Automation, CI/CD, End-to-End Delivery

SUMMARY

Full-stack engineer with 3+ years of experience building scalable web and desktop apps. Proven track record delivering performance gains, automation, and clean UX. Strong foundation in modern architecture, rapid iteration, and end-to-end product delivery across both startups and larger organizations.

EXPERIENCE

ROI NJ

Jan. 2022 - Present

Mid-Level Full-Stack Engineer

Remote

- Rebuilt ROI-NJ's top feature (Influencer List + article format) with modern PHP and WordPress, increasing pageviews by 84% and unique views by 86%
- Built a Tauri desktop app with LLM chaining to automate Mailchimp ad reporting and generate internal summaries, cutting report time by 95%
- Drove 1M+ organic views and 42% YoY growth through SEO and performance tuning
- Implemented donation system and ROI Catalog to improve UX and stabilize multi-site platform
- Automated WordPress imports and metadata parsing, reducing editorial workload by 40%

HIRE NJ - Tech Lead, Full-Stack Development

- Built a self-serve job board for New Jersey with posting, search, and applicant tracking features
- Integrated responsive UI, automated emails, and admin tools to streamline hiring workflows
- Launching this year with projected reach of 10,000+ annual users

ARTALYZE

Nov. 2024 - Present

Founder & Full-Stack Engineer

- Launched a viral daily AI vs. Human art game, attracting 600+ users in the first month via mobile-first design and daily engagement loops
- Built OTP-based auth with AWS SES, enabling secure persistent sessions across devices
- Built core logic and unit tests to validate selections, track progression, and manage stat systems
- Designed an internal admin dashboard for uploads, puzzle rotation, metadata tagging, and automated stat tracking with MongoDB
- Deployed with CI/CD on Vercel/Railway and Cloudinary delivery, cutting deploy times by 60%

EDUCATION

MONMOUTH UNIVERSITY - B.S. in Computer Science, Minor: Physics

May 2020

Kappa Sigma Cofounder, NCAA D1 Track & Field - 3x Team Captain (Hurdles/Jumps)

SKILLS

Languages & Frameworks: JavaScript | TypeScript | Python | Node.js | React | Express.js

Frontend: Tailwind CSS | Material UI | HTML5 | CSS3 | React Context API

Backend/DevOps: MongoDB | PostgreSQL | MySQL | Docker | AWS | REST APIs | CI/CD | Git

Tools & Workflow: Vercel | Railway | Cloudinary | Jest | Postman | Vite | Agile (Scrum)