

Jacob Patrick

PROFILE

Senior Full-Stack Web Developer with 8+ years of experience engineering secure, scalable web platforms and e-commerce infrastructure across diverse industries. Combines deep full-stack expertise with agentic AI-assisted development tools to accelerate delivery and modern development practices. Strong collaborator focused on team integration, code quality, and technical leadership.

LANGUAGES AND TECHNOLOGIES

Languages: PHP, TypeScript, JavaScript (Web and Node.js), HTML5, CSS3, Sass, Python, Bash

Frameworks & Libraries: Drupal, WordPress, WooCommerce, React.js (with SSR), React Native (Expo), Redux, Tailwind CSS, NativeWind

UI Components & Styling: Bootstrap, React Navigation, Gluestack, Material UI, Styled Components, Chakra UI

AI & Developer Tools: Claude Code, OpenAI API, REST APIs, Git, Figma, Webpack, Gulp.js, Sentry

Backend, Databases & Search: MySQL, PostgreSQL, MSSQL / T-SQL, MongoDB, Redis, Apache Solr, OpenSearch, ORMs

DevOps & Server Tech: Linux (Debian, Ubuntu, Arch), Nginx, OpenSSH, OpenSSL

Cloud & Hosting Platforms: AWS (EC2, S3, RDS), Cloudflare, DigitalOcean, Pantheon, WP Engine, Acquia, GitHub, GitLab, Bitbucket

EXPERIENCE

SENIOR WEB DEVELOPER, STREAMLINE; LEXINGTON, KY — DEC 2017 - AUG 2026

- Developed and supported 90+ WordPress and Drupal projects using PHP, JavaScript, Sass, and HTML5.
- Used and integrated Claude Code with various AI LLMs, and built skills in project development, maintenance, and debugging through agentic workflows.
- Developed various interfaces for Flyder, Streamline's AI platform suite that lets you build powerful agentic workflows to automate repetitive tasks, connect AI with your everyday business tools, and deploy custom chatbots.
- Spearheaded Streamline's first React.js and Expo mobile app projects, using UI frameworks such as Gluestack, Styled Components, Native Base, Google's Material Design Web Components, Material UI, and Material Paper.
- Implemented modern technologies and frameworks including React.js, Expo, Nativewind, Drupal, WordPress, Asynchronous JavaScript, Sass, Tailwind CSS, and HTML5.
- Played a key role in implementing REST API-based projects using Drupal and WordPress REST APIs, plus integrated APIs from frameworks and platforms such as Feathers.js and Deltek Vision.
- Developed, continually improved, and maintained the internal Webpack-based build system for compiling website assets utilized in development and production environments.
- Worked closely with project managers in an agile workflow and helped onboard and integrate new and existing team members, supporting growth and skill development.

WORK PROJECTS

- **MSI Forms App & Dashboard:** Built an iPadOS app (Expo) and React.js/Drupal dashboard integrated with Deltek Vision and Apache Solr, enabling nationwide field teams to complete, manage, and search bridge inspection and dive forms.
- **Toyota Vehicle Management System:** Built an iOS/Android app (Expo, Gluestack) and a Drupal/OpenSearch web dashboard to manage multi-state employee and contractor vehicle passes across KY, TX, and NC.
- **Battle Axes Scoring & Management System:** Built an iPadOS scoring app (Expo), TV display, and React/Feathers.js web dashboards backed by Node.js and MongoDB to manage multi-location check-ins, waivers, and live scoreboards.
- **Dormakaba Trade Show Kiosks:** Built Android touchscreen TV applications (Expo, WordPress) featuring badge scanning via custom React Native modules, prize games, and a selfie station to boost event marketing.

WEB DEVELOPER INTERN, STREAMLINE; LEXINGTON, KY — MAY 2017 - AUG 2017

- Built multiple websites using real-world skills and web technologies such as PHP, HTML5, Sass, and JavaScript, powered by WordPress and Drupal.
- Collaborated with team members to improve and maintain existing websites using foundational knowledge and a developed web development skill set.
- Continued on-the-job training through online resources to quickly adapt and learn new skills needed for unique projects.

EDUCATION

Bluegrass Community & Technical College, Lexington, KY - Associate's Degree, Computer Science, 2015

PERSONAL PROJECTS

- **Self-Hosted Mail Infrastructure:** Deployed and maintained a secure IMAP/SMTP server (Debian, Postfix, Dovecot, Roundcube) on DigitalOcean for 6+ years, implementing 2FA PAM, Fail2Ban, and Cloudflare.
- **Security & Encryption Standards:** Managed SSL/TLS certificates (Let's Encrypt) across web and email services, enforcing TLS 1.3, HSTS, OCSP stapling, and DKIM/DMARC email authentication.
- **Self-Hosted Repository Infrastructure:** Deployed and maintained a private GitLab Omnibus instance on dedicated hardware for secure source control and repository hosting.
- **Systems Architecture & OS Internals:** Built Linux From Scratch (LFS) to gain deep system-level knowledge; hands-on experience configuring, hardening, and administering diverse Linux distributions (Debian, Arch, Ubuntu, Fedora).
- **Open Source Development:** Author of an open-source Python 3 WebSocket bot library with hundreds of forks and active community adoption.
- **Technical Mentorship:** Taught Python 3 programming to online learners and collaborated on open-source and community Python projects.