Edward Pol - Software Engineer

Hollywood, FL | https://LinkedIn.com/in/EdwardPol

HIGHLIGHTS

- Reduced monthly AWS EC2 costs by 73% with Python Lambda automation and EventBridge triggers, replacing a manual server shutdown process.
- Worked in an Agile team on GitLab CI/CD pipelines that automated testing, integration and deployment, with PHPUnit tests for a PHP, MySQL and Docker application.
- Fed documentation into Tettra's AI knowledge bot, tested it with sample queries, and refined the content based on results, reducing manager interruptions.
- Migrated the company CRM database from Oracle to Microsoft SQL Server on AWS EC2 with no downtime.

PROFESSIONAL EXPERIENCE

Medical Doctors Research Sunrise, FL

Senior Software Engineer 07/2024 – Present

- Reduced monthly AWS EC2 costs by 73% via custom Python automation and event-driven triggers.
- Developed a questionnaire Utility using PHP, Laravel, and MySQL, integrating with the CRM via RESTful APIs to enable new product sales.
- Built a web-based file upload tool to bulk-update shipping dates and tracking numbers in an AWS-hosted MSSQL database, a common customer request from customer service.
- Implemented an intranet site with multiple real-time reports generated from SQL queries of AWS-hosted MSSQL Database, helping Managers make better informed decisions.

Inseego San Diego, CA

Senior Software Engineer (Full time Contract) 07/2025 – 10/2025

- Enhanced legacy application for military and government agencies using PHP, MySQL, and Docker, writing bug fixes and feature additions for phone equipment purchasing workflow.
- Worked in an Agile software engineering team using GitLab CI/CD pipelines to automate testing, integration, and deployment workflows. Testing with PHPUnit.

Shore Excursions Group Davie, FL

Software Engineer 10/2019 – 06/2024

- Boosted subscriptions by 50% with a Laravel/JavaScript lead management system with commission reporting and generated files for email campaigns.
- Eliminated manual lead collection by building a data ingestion pipeline that integrated with client FTP sites, scaling email marketing operations and increasing revenue generation.
- Configured and trained Tettra's AI Bot to handle employee inquiries, reducing managers' workload.
- Integrated Braintree's API to remove foreign currency fees and enhance customer satisfaction.
- Automated coupon code systems on Linux for partners, including Expedia, directly increasing sales.
- Integrated vendor’s SOAP API into company site using PHP, automating real-time helicopter time slot availability and eliminating manual lookup processes, saving employees 10+ hours weekly.
- Cut report generation time by 80% for a report used by external partners.

Insurance Care Direct Deerfield Beach, FL

Laravel Developer 05/2019 – 10/2019

- Built a Laravel/Vue.js application empowering insurance professionals with integrated tools for sales, marketing, education, and lead management.
- Revamped site user experience, driving higher customer engagement and improved site accessibility.

Medical Doctors Research Sunrise, FL

Software Developer 07/2018 – 05/2019

- Integrated commission calculation module into the Order Management System for a MLM corp.
- Led a cross-functional IT team of 3, overseeing resource allocation and deliverable quality.
- Developed an in-house PHP shopping cart with payment processing, saving $5,000 annually in fees.
- Built a PHP timeclock system with a commission module, cutting payroll processing time in half.
- Automated reporting by building a PHP intranet site with real-time AWS MSSQL database connectivity.
- Successfully migrated CRM database from Oracle to Microsoft SQL Server on AWS EC2 with no downtime.

Feeduciary.com Hollywood, FL

Software Developer (Freelance work) 01/2018 – 12/2018

- Developed a Laravel-based marketplace from scratch, enabling fiduciary agents to create profiles with fee structures, facilitating client-agent comparisons and selections.
- Implemented Google Maps API for location display and ImageMagick, tested using Postman.
- Designed intuitive UI/UX that streamlined workflows and navigation for both fiduciary agents & clients.

Rex3 Weston, FL

Laravel Developer 08/2017 – 07/2018

- Built automation microservices for page layout, significantly accelerating print production timelines.
- Developed RESTful API communication Salesforce and print platforms, enabling print jobs by customer.
- Created an intranet system for FedEx label generation and printing, accelerating shipping workflows.

Clientele Cosmetics Corp. Miami Lakes, FL

Software Developer 08/2008 - 08/2017

- Led a 3-person IT team maintaining company infrastructure and internal systems.
- Migrated in-house CRM to Oracle to centralize enterprise data across order management, commissions, accounting, shipping, production, inventory control, Bill of Materials and customer records.
- Partnered with offshore developers to maintain Oracle instances, supporting the entire enterprise.
- Implemented automated daily backup system with off-site storage, disaster recovery for multiple companies.
- Created self-service analytics tools allowing users to run sales, inventory, and marketing reports on demand, eliminating IT bottlenecks and reducing turnaround time.

EDUCATION

Bachelor of Science | Electrical Engineering | University of Miami | Coral Gables, Florida

SKILLS

Software design, PHP, Laravel, MSSQL, MySQL, HTML, CSS, JavaScript, Docker, Python, Bootstrap, Tableau, AWS Lambda, EventBridge, REST APIs, SOAP APIs, API Integration, Microservices, MVC Architecture, Postman, Claude Code, Apache2, Nginx, MySQL, T-SQL