

JOSEPH MEEKO

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PROFESSIONAL SUMMARY

Senior full-stack software engineer with 5+ years owning production SaaS serving 50,000+ users. Primary builder and former engineering manager across PHP, MySQL, JavaScript, Python, OpenSearch, Redis, and AWS, combining customer-centered product judgment, evidence-first debugging, technical mentorship, and carefully reviewed AI-assisted delivery.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Full Stack

Mar 2025 - Present

Ellipsend | Remote

- Primary builder across CRM and inbox workflows, automation, social analytics, reporting, onboarding, billing, and settings on a production PHP MVC, MySQL, Redis, OpenSearch, JavaScript/jQuery, and AWS platform.
- Built a multi-step automation builder from scratch with 11 action types, drag-to-reorder controls, conflict detection, live phone previews, and validation that reflects actual workflow readiness.
- Built and operate Terraform-managed Python data pipelines on AWS Lambda and ECS Fargate that ingest social content, organic metrics, and paid-ad data into MySQL and time-bucketed OpenSearch indexes.
- Traced an analytics defect to 8,381 malformed OpenSearch documents, then implemented a targeted integrity guard across four modules instead of risking a blind re-ingest.
- Shipped Meta, TikTok, Stripe, Rewardful, Calendly, API, and webhook integrations; moved CI/CD to AWS CodeDeploy with OIDC.
- Applied an evidence-first release discipline to AI-assisted work: reviewed every changed line, exercised focused unit and integration tests, inspected logs and data, and verified production behavior.

Full-Stack Developer | Software Engineering Manager

Jul 2021 - Mar 2025

Southern Oregon Practice Management / Envision EHR | Central Point, OR

- Owned design, development, testing, documentation, and production reliability for Envision EHR, a multi-tenant PHP/MySQL medical-billing platform serving 50,000+ end users.
- Built the platform's first electronic-claim submission system, enabling direct payer reimbursement through a correctness-sensitive workflow, plus intake, assessment, messaging, billing, and reporting features.
- Promoted to Software Engineering Manager in October 2023; led daily engineering coordination, established code-review and deployment standards, and mentored the first engineering intern from new graduate to full-time contributor.
- Led a production PHP runtime upgrade and maintained AWS infrastructure across EC2, RDS, S3, SES, SNS, OpenSearch, Secrets Manager, Backup, and Docker.

SELECTED PRODUCT ENGINEERING

Two Pennies: Published Flutter/Dart iOS budgeting app with Firebase, RevenueCat, biometric authentication, secure storage, comments, subscriptions, and real-time family synchronization.

Veil Bible App: Published Xamarin Forms iOS/iPadOS app using C#, ASP.NET REST APIs, SQL, Azure, and MVVM; now directing a specification-led, agent-assisted rebuild.

Developer tooling: Built Python coding-agent orchestration with queues, retries, timeouts, structured output, and persistent logs; published dependency-free JavaScript diagnostics with fixtures, tests, and CI.

TECHNICAL SKILLS

Core: PHP, custom MVC, MySQL/SQL, JavaScript/jQuery, Python 3.12, OpenSearch/Elasticsearch, Redis, REST APIs, production debugging

Cloud and Delivery: AWS Lambda, ECS Fargate, EC2, RDS, S3, EventBridge, VPC, IAM, Terraform, Docker, CI/CD, Bitbucket Pipelines, OIDC, CodeDeploy, Git

Product and Integrations: Meta and TikTok APIs, Stripe, Rewardful, Calendly, webhooks, Bootstrap/SCSS, Flutter/Dart, Firebase, C#/.NET, ASP.NET, Xamarin Forms

EDUCATION

B.S., Software Engineering Technology

2021

Oregon Institute of Technology | GPA 3.83

A.S., Software Engineering Technology

2019

Rogue Community College | GPA 3.78

DISTINCTIONS AND CONSISTENCY

Recognition: U.S. Air Force Academy congressional nominee (2012); high-school salutatorian (3.96 GPA, 1830/2400 SAT).

Endurance: Daily 5K plus 100 push-ups, sit-ups, and squats since July 31, 2023; former cross-country captain with a 4:46 mile.