

Eric Pelland

Senior Software Engineer | Security-Focused Full-Stack Developer



Senior Software Engineer with 10+ years of experience in secure, full-stack solutions. Polyglot developer passionate about impactful, mission-driven work. Excels at product ownership from concept to deployment, ensuring security, resilience, and good user experience.

Remote | Deering, NH 03255
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EXPERIENCE

PrepMD, Remote — Senior Software Engineer

Jan 2024 - PRESENT

As a Senior Software Engineer, I owned the end-to-end development of key platform features. I engineered a zero-touch FDA medical device recall system from the ground up and architected a scalable patient management UI using OpenSearch to handle thousands of clinic records. My work consistently included enforcing security best practices and maintaining certifications and compliance as a core part of the development cycle.

Atlantis Technology, Remote — Senior Software Engineer

Jan 2019 - Dec 2023

Served as a full-stack developer on long-term embedded projects for key Atlantis clients in MedTech and FinTech. I acted as a core developer for PrepMD, building foundational features for their cardiac monitoring platform. Additionally, I contributed to essential financial transaction systems at BNY Mellon and delivered a streamlined data management application for StemTrak.

Utility Cloud, Salem NH— Project Success Engineer

Aug 2018 - Jan 2019

Contributed to the development of monitoring and calculation interfaces for Exxon Mobil's oil refineries, while also building and maintaining internal reporting tools and supporting a utility tasking and assignment platform to improve system reliability.

CafeX Communications, Remote— Software Engineer

Aug 2015 - May 2018

Implemented software solutions with Microsoft Dynamics 365, building robust billing and entitlement portals with deep product integrations. I excelled in rapidly building full-application prototypes in short sprints, significantly enhancing operational agility.

SKILLS

System Architecture & Design,
Software & Application
Security, Full-Stack
Development, API Design &
Integration

DATA AND MESSAGING

PostgreSQL, MSSQL, MYSQL,
OpenSearch, Redis, Prisma,
Hibernate, RabbitMQ, Amazon
SQS

LANGUAGES & FRAMEWORKS

JavaScript, TypeScript, Ruby,
Java, SQL, Python, React,
Vue.js, Angular, Next.js,
Node.js, Spring Boot, Ruby on
Rails

CLOUD & DEVOPS & TESTING

AWS (S3, EC2, Lambda, etc.),
DigitalOcean, Docker,
Kubernetes, Terraform, Git,
Jest, Cypress, Selenium, JUnit,
RSpec, GitHub Actions,
Jenkins, Datadog, Splunk