JEREMY M. GARIN

SOFTWARE ENGINEER | DEVOPS & CLOUD

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PROFESSIONAL SUMMARY

Software developer with 3 years of programming experience, focused on system architecture, cloud infrastructure, DevOps, and AI engineering. Most of my work has involved shaping system architecture, deploying services, and building full-stack applications that span cloud infrastructure and AI-assisted workflows.

AREA OF EXPERTISE

- System Architecture
- Cloud Infrastructure
- CI/CD Pipelines
- Containerization
- Application Deployment
- AI Integration

PROJECT EXPERIENCE

EquipED — Institutional AI-Assisted Quality Assurance Platform ***Jun 2026 - Present***

System Architect & AI Integration Engineer

- Architecting the overall system for a 3-member thesis project, defining how the application, storage, evaluation, and AI components work together.
- Integrating a pretrained language model into the platform to support AI-assisted academic module evaluation and reviewer workflows.
- Shipping full-stack features across the platform to support document processing, evaluation, administration, and review workflows.

SBCCMS — Santa Cruz Bible Christian Church Management System ***Oct 2025 - Feb 2026***

Technical Lead & Deployment Engineer

- Led a 9-member team in delivering a centralized church management system from development through deployment.
- Restored reliable email notifications in production by replacing blocked SMTP delivery with an API-based email service.
- Resolved deployment-blocking database issues by restructuring migration dependencies and improving rollout stability.

GlucoSense — Diabetes Risk Assessment Application ***Dec 2025 - Jan 2026***

Application Integration Engineer

- Developed a web-based diabetes risk assessment application that connected a guided questionnaire to a machine-learning prediction model.
- Bridged the gap between user inputs and model requirements by transforming 17 questionnaire responses into the required 21 prediction features.
- Improved input consistency and prediction reliability by validating and preparing data before passing it to the model.

EDUCATION

Bachelor of Science in Computer Science ***Aug 2023 - Present***

Laguna State Polytechnic University - Santa Cruz Campus

TECHNICAL SKILLS

- **Cloud & Infrastructure:** Docker, Cloudflare R2, Neon, Docker Compose
- **DevOps & Automation:** GitHub Actions, Git, CI/CD
- **Full-Stack Development:** React, Astro, TanStack Router, TanStack Query, FastAPI
- **AI-Assisted Coding:** Codex CLI, Pi Coding Agent, Antigravity CLI