GERARDO GALLEGOS JR

Senior Full Stack / Software Engineer

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Portfolio

github.com/gerag18

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer specializing in IoT and enterprise solutions, with 4+ years delivering 80%+ performance improvements across industrial automation and e-commerce platforms. Proven track record of publishing 8+ applications to AppStore/PlayStore and leading internationalization efforts for market expansion. Combines technical expertise in modern frameworks with cross-functional leadership, having mentored developers and implemented CI/CD pipelines for automated deployments.

WORK EXPERIENCE

09/2024 – Present
1 year 5 months

Senior Software Engineer, Full Stack Developer　　　　**Horizon Trailers**
- Led complete redesign and development of Horizon Trailers, LoadBoss, BedBoss, and RanchBoss websites, achieving **80% performance improvement** and **<1.5s load times**
- Implemented **CI/CD pipelines** with Firebase App Hosting and GitHub for automated deployments.
- Established **cross-functional collaboration** with PMs, designers, and stakeholders throughout development cycles.
- **Mentored junior developers** and established coding standards and review processes.
- Implemented **internationalization (i18n)** across all websites for market expansion.
- Developed showcase kiosk applications for NATM and NATDA trade shows using Raspberry Pi.

`Next.js | React | Typescript | Firebase Hosting | CI/CD | Figma | i18n`

08/2023 – 09/2024
1 year 2 months

Software Engineer, Full Stack Developer　　　　**Enegrin**
- Developed the Enegrin website and implemented the platform's first UI design
- Created mobile applications published on AppStore and PlayStore.
- Implemented PLC device integration for real-time metrics monitoring.
- Collaborated with **industrial engineers and clients** to translate requirements into technical solutions.
- Developed quotation system with restricted access for enterprise clients.

`Ionic | Angular | Node-RED | Firebase | Client Collaboration`

02/2022 – 08/2023
1 year 7 months

Software Engineer, Full Stack Developer　　　　**InteliHogar**
- Developed new version of InteliHogar web store with redesigned UI and enhanced security.
- Implemented international version InteliHom for US market expansion (discontinued Q3 2024).
- Created smart alarm system with Twilio integration for automated emergency calls.
- Worked closely with **product managers and UX designers** to optimize user flows.
- Implemented Stripe payment integration and subscription management systems.

`Ionic | Angular | Stripe | Twilio | Product Collaboration`

02/2022 – 09/2024
2 years 8 months

Software Engineer, Full Stack Developer　　　　**Cordova Industrial Integradores**
- Developed **IoT industrial automation solutions** for Industry 4.0 clients using preconfigured PLC systems.
- Created **Cord application** for remote equipment monitoring (published on AppStore/PlayStore).
- Built **JMAS water management systems** for municipal water boards with Node-RED integration.
- **Mentored team members** on IoT concepts and industrial automation best practices.
- Collaborated with **industrial clients and field engineers** to ensure solution effectiveness.

`Angular | Ionic | Node-RED | PLC Integration | Team Mentoring`

TECHNICAL EXPERTISE

Core Technologies

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Frontend:  React, Next.js, Angular, TypeScript, Astro.js, Tailwind CSS
Mobile & IoT: Ionic, Android/iOS, Node-RED, Raspberry Pi, PLC Integration
Backend & Cloud:  Node.js, Firebase, Google Cloud, Stripe, Twilio
Tools & DevOps:  Figma, Git/GitLab, CI/CD, Firebase Hosting, Vercel, Jira
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Development Practices

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Methodologies:  Agile/Scrum, CI/CD Implementation, Code Reviews, Security Audits
Leadership:  Technical Mentoring, Cross-functional Collaboration, Requirements
Translation
Deployment:  AppStore/PlayStore Publishing, Automated Deployments, Performance
Monitoring
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EDUCATION

2025	**Continuing Education Certificate**	**MIU City University Miami**

Digital Project Management

2024 – 2025	**Postgraduate Diplomas**	**UNIR Mexico**

・Cybersecurity
・Software Engineering
・Python Programming
・Web Apps Development and UX
・Soft Skills and Leadership Skills

2023 – 2025	**Master's Degree**	**UNIR Mexico**

Software Engineer and Informatics Systems
Grade: A (9.35/10 | GPA 3.74)
`Specialization:` Full-Stack Development, Cybersecurity, Agile Methodologies

2018 – 2022	**Bachelor's Degree**	**Instituto Tecnologico de Cd. Cuauhtemoc**

Computer Systems Engineer
Grade: A (94/100 | GPA 3.76)
`Focus Areas:` Software Development, Cloud Computing, IoT Systems

LANGUAGES

Spanish - C2 (Native)

English - B1 (Intermediate)

Technical documentation and team communication

ACHIEVEMENTS

8+ Applications
Published on AppStore/PlayStore

5+ Websites
80%+ performance improvement

LEADERSHIP

Team Mentoring
Junior developer guidance

CI/CD Implementation
Firebase App Hosting & Vercel automation