

# Juan Felipe Rodríguez Galindo

Software Development Specialist · Cloud Developer

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## Summary

Systems Engineer from Universidad Distrital Francisco José de Caldas, deeply passionate about technological innovation and **free software**. Solid experience in GNU/Linux systems, microservices architecture, infrastructure as code on AWS, and modern frontend development. Former Director of the Universidad Distrital GNU/Linux Group. "*Changing the world one line at a time.*"

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## Experience

- Banco de Bogotá**, Systems Analyst II · Cloud Developer – Bogotá, Colombia Feb 2026 – present
- Lead the development of high-impact Cloud solutions, integrating cutting-edge technologies for the automation of financial processes.
  - Recognized for resilience and technical commitment, combining systems architecture with continuous innovation.
- Banco de Bogotá**, Systems Analyst III · Cloud Developer – Bogotá, Colombia Oct 2024 – Mar 2026
- Evolution of critical digital platforms with IaC on **AWS**, microservices architecture, and modern frontend.
  - Design of resilient, scalable solutions prioritizing security and software quality in the financial sector.
- Instituto Geográfico Agustín Codazzi (IGAC)**, Full Stack Developer – Bogotá, Colombia Mar 2024 – Dec 2024
- Support and development of data-collection applications (CICA, Consultores Catastrales) with **Angular 16-18**, **Java/Spring Boot**, and Oracle DB.
  - Deployment with GitLab CI/CD and Docker.
- Agencia Catastral de Cundinamarca**, Front-End Developer – Bogotá, Colombia Sept 2022 – Dec 2023
- Internal and public cadastral-procedure portals (full stack) with **Django**, **AngularJS**, and GitLab CI/CD.
  - Full containerization, Jenkins, and Traefik. MINTIC compliance for government portals.
- Universidad Distrital · GICOGE Research Group**, Research Monitor – Bogotá, Colombia Sept 2023 – July 2024
- Research group infrastructure with Docker and the WordPress CMS.
  - MINCIENCIAS group registration updates.
- Dominio Estudio de Diseño**, Front-End Web Developer & Instructor – Bogotá, Colombia Nov 2021 – Jan 2023
- Front-end development (web and mobile) and requirements gathering.
  - Instructor at "Academia Héroes Tech" (Python and JavaScript) for the Mariano Matamoros D'Acosta Foundation.
- GNU/Linux Group — Universidad Distrital**, General Director – Bogotá, Colombia Jan 2021 – Aug 2022
- Direction of the GNU/Linux Group and promotion of free software.
  - Teaching GNU/Linux operating-system fundamentals to the community.

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## Education

- MSc** **Universidad Distrital Francisco José de Caldas**, MSc in Information and Communication Sciences – Bogotá, Colombia Jan 2026 – June 2027
- Research-focused master's degree.
- BSc** **Universidad Distrital Francisco José de Caldas**, BSc in Systems Engineering – Bogotá, Colombia Jan 2018 – Sept 2025
- Tech** **Servicio Nacional de Aprendizaje (SENA)**, Tech in Software Development – Bogotá, Colombia Jan 2016 – Dec 2017

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## Projects

- se-tesis — Audio Steganographic Cryptosystem** Jan 2025
- Systems Engineering thesis (Python).
- Hides and encrypts information in audio using chaotic attractors, with text compression via neural networks.

<b>emotion-recognition-ICD</b> Emotion recognition with deep learning (Python).	Jan 2024
<b>ai-context-extractor</b> Context extractor for Angular projects to feed AI models (TypeScript).	Jan 2026
<b>grub2-theme-glud</b> Custom GRUB2 theme for the Universidad Distrital GNU/Linux Group.	Jan 2025

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## Skills

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**Cloud & DevOps:** AWS, IaC, Docker, GitLab CI/CD, Jenkins, Traefik  
**Frontend:** Angular (16-18), AngularJS, RxJS, Angular Material, Vue.js, Bootstrap  
**Backend:** Java / Spring Boot, Django, Python, PHP / Laravel, Node.js  
**Data & AI:** Deep Learning, Anthropic Claude, Prompt Flow  
**Systems:** GNU/Linux, Oracle DB, Microservices, Systems Security

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## Certifications

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- Engineering Practices for Building Quality Software
- Computer Security and Systems Management (Specialization)
- Claude 101 · Anthropic
- Effective Communication for Today's Leader
- Negotiation and Effective Communication Skills

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## Languages

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**Spanish:** Native  
**English:** Professional Working