

Raul Plascencia

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SUMMARY

Computer Science and Engineering graduate with experience in full-stack and mobile development. Experienced in deploying production systems, including architecting secure RESTful APIs and developing LLM-integrated applications with optimized memory systems. Passionate about building scalable, user-focused applications and tackling challenging data synchronization and cloud-based system integration.

WORK EXPERIENCE

Gaine

Full-stack Software Development Engineer

Feb. 2026 - Current

San Luis Obispo (On-site)

- Built end-to-end features, from UI components in Angular to the supporting logic in C# .NET services
- Developed comprehensive software solutions for web engineering and technical development

Handshake AI Fellowship

AI Trainer – Multimodal Evaluation (Contract)

Dec. 2025 – Feb. 2026

Remote

- Evaluated multimodal model outputs (text, visual, and audio) to improve LLM accuracy and reliability
- Developed high-quality domain-specific prompts to assess LLM reasoning, clarity, and factual consistency
- Provided structured feedback to refine model behavior across specialized technical tasks
- Ensured baseline scoring standards and adhered to quality metrics to maintain project compliance

sweep

Software Engineer Intern (Technical Lead)

Jan. 2025 – May 2025

Merced, CA

- Served as Technical Lead for a real-world client project, delivering a cross-platform mobile application that syncs files to a centralized server.
- Architected a secure RESTful API using **Flask** and integrated **Rclone** to enable file synchronization across cloud services like Google Drive and Dropbox.
- Built the front-end with **React Native**, collaborating with UI/UX designers to ensure intuitive interfaces and significantly optimizing Android app performance

PROJECTS

[ChopperBot](#)

- Engineered a Discord bot in Python for 100+ active users, hosting the fine-tuned LLM model and application services on a private homelab environment
- Implemented an optimized, complex memory system and backend logic to handle real-time API transactions and retain user context over multiple sessions using SQLite.
- Fully integrated a web search proxy alongside image generation and news summaries.

SKILLS

- **Languages:** Python, C++, Java, JavaScript, TypeScript, SQL, C#
- **Frameworks:** Angular, .NET, Flask, React, React Native, Node.js, Qt
- **Tools:** Docker, Rclone, Git, Firebase, Postman, Figma
- **Databases:** MySQL, SQLite, Postgres

EDUCATION

University of California, Merced

B.S. Computer Science and Engineering

Aug. 2025

Merced, CA