Carmen Díaz

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PROFESSIONAL SUMMARY

I am a Software Engineer with 8 + years of experience in full-stack development gained in fast-paced start-ups across Fintech, Health & Wellness, and HR. Adept at developing and integrating APIs and driven in agile environments. I'm currently focusing on learning more about cloud services and AI/ML to drive innovation and efficiency, and I'm looking forward to continuing to challenge myself.

TECHNICAL SKILLS

Proficient: *Ruby on Rails, Postgres, MySQL, TDD/ Rspec, CI/CD*
Languages / Frameworks: *Ruby, Python, NextJs, Typescript, MERN (MongoDB, Express.js, React.js, Node.js)*
Familiar: *GPC, AWS, Heroku, Firebase, Pandas, Numpy, SciPy, Matplotlib, TensorFlow*
Tools: *Pivotal Tracker, Jira, Github, Gitlab, Notion, Excalidraw*

EXPERIENCE

Software Engineer | Engenium Technologies| Remote   Mar 2023 - Present
- Designed and developed the company's website using NextJs, Tailwind CSS, and Firebase hosting.
- Set up and maintain the company's Google Cloud corporate account for business analysis and reporting.
- Collaborate with cross-functional stakeholders to gather requirements and translate them into technical specifications.
- Provide ongoing support and maintenance for deployed software applications, including troubleshooting and bug fixing.

Tech Stack: NextJs, Firebase, Tailwind CSS, GCP, Trello, Github.

Software Engineer | Mentor - Educator | Remote   Nov 2020 - Present
- Developed customized tutorials to teach elementary students on AI fundamentals through an enrichment program.
- Led a mentorship initiative in partnership with Kuñatech (Women in Tech in Paraguay), SheWorks, and Google Cloud to support 50 women in tech through Google's Cloud Computing Fundamentals course.

Tech Stack: Ruby, Python, TDD, NextJs, GCP, Github, Excalidraw.

Solutions Engineer | Mobile Health Consumer, Palo Alto, CA   Feb 2022 - Feb 2023
- Utilized the Lokalise solution app to efficiently translate content into Spanish and French, expanding our customer base in the USA and Canada.
- Enabled dynamic translation of hard-coded HTML content using Python to enhance user experience and streamline workflow efficiency.
- Built widgets, formulas, and JSON files to improve user experience and increase employee productivity.
- Created customized CSS files for each client's branding specifications, seamlessly integrating information into the existing HTML layout and widgets, ensuring consistency with user experience across various wellness platforms.

Tech Stack: Python, Django, PostgreSQL, HTML/CSS, AWS, Lokalise, Github, Jira.

Delivery Lead - Software Engineer | Homebase, San Francisco, CA   May 2018 - Apr 2020
- Architected and developed 10+ RESTful APIs to support mobile features using Ruby on Rails and PostgreSQL, which enabled clients to schedule and time-track their employees.
- Integrated Clover API with TimeClock features to visualize the repositories of merchants (i.e. orders, sales, and payments data) from ~175,000 clients on dashboard view—this increased efficiency by 50%.
- Built a human resources tool using background job functionalities with Sidekiq to enhance clients/employee participation and increase engagement by ~ 33%.
- Collaborated with engineers, designers, and product managers to prioritize, design, and implement new system features.

Tech Stack: Ruby on Rails, React, Redux, PostgreSQL, Rspec, Sidekiq, Circle CI, AWS, Android/Swift, Redis, Github, Heroku, Jira.

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Investor and Tech Advisor | COGARO, Wenatchee, WA   Jan 2018 - Jan 2019
- Collaborated as an investor and technical advisor for a mid-sized blockchain mining hosting firm.
- Supported the development of an inventory, booking, and billing system.

Tech Stack: *Ruby on Rails, MySql, Heroku, Github, Trello.*

Software Engineer | Omada Health, San Francisco, CA   May 2016 - Dec 2017
- Engineered back-end web feature allowing bulk imports of employee data using Ruby, Sidekiq, Amber, and batch processes with The Eligible API integration, saving ~144 hours per interaction per health insurance provider.
- Collaborated with five full-stack engineers to implement back-end logic for an eligibility-and-coverage detection tool that minimized processing time by 60%.
- Implemented Rails I18n to translate users' onboarding questionnaires into Spanish and increase customer reach by 14%.

Tech Stack: *Ruby on Rails, React, Amber, PostgreSQL, Rspec, Sidekiq, Jenkins, AWS, Pivotal Tracker.*

Software Engineer | CoverHound Insurance, San Francisco, CA   Mar 2015 - Dec 2015
- Re-engineered a web application for auto insurance quotes and improved its turnaround time response from 24 hours to under 3 minutes.
- Collaborated with four engineers to implement "fully responsive" purchasing flows by integrating a quote-generating third-party API, increasing application accessibility by 50%.

Tech Stack: *Ruby on Rails, MySQL, Rspec, JQuery, Bootstrap, Heroku, Pivotal Tracker.*

ADDITIONAL TRAINING

Caltech, Artificial Intelligence & Machine Learning Certification   Oct 2023 - June 2024

Immersive AI & Machine Learning program, powered by Simplilearn. It utilizes active learning to gain proficiency in data technologies and tools, including Python, Pandas, NumPy, and TensorFlow, as well as an understanding of machine learning, deep learning, and data science processes.

National University of Asunción**, Data Science Fundamentals**   Aug 2022 - Jan 2022

Immersive data science concepts with Python, Pandas, NumPy, and Matplotlib.

Certifications:
AI for Good Specialization - DeepLearning
Scrum Master Certification (In Progress - July 2024)

EDUCATION

Dual degrees earned concurrently from two separate universities:
- **B.S. Computer System Analysis,** Catholic University of Asunción, Paraguay.
- **BBA Business Administration and Management,** National University of Asunción, *Paraguay.*

Specialization in Lecturing at Universities, National University of Asunción, *Paraguay.*

VOLUNTEER EXPERIENCE

Passionate to mentoring, teaching, and advocating for Women in Tech.
- Women Techmaker Ambassador by Google
- Kuñatech PY (Paraguayan Community of Women in Tech)
- An early contributor to Railbridge (Bridge Foundry — nonprofit organization empowering people with technology through teaching and facilitating access.