

Alejandro Garcia

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TECHNICAL SKILLS

Programming Languages: Python, Typescript, Javascript, HTML5, CSS, Java, C++ , C, MJML

Frontend: React, React Native, NextJS, Angular, Bootstrap, Tailwind CSS, Material UI, Playwright, Jest, Selenium, React Query, Zustand

Backend: MongoDB, MySQL, PostgreSQL, Scala, Node.js, tRPC, Spring Boot, GraphQL, Snowflake, Express.js, Spark, Firestore, Pytest, Junit, Cucumber, Mongoose

Tools and OS: Azure, AWS, GCP, Firebase, Figma, Vercel, Expo, Bash, Powershell, Docker, Git, Github, MailHog, Data Dog, Config Cat, Twilio, Sendgrid, Sento, Kafka, CircleCI, Github Actions, Postman, Jira, Confluence, Slack, Teams

WORK EXPERIENCE

Software Developer

Lightspeed Hospitality, Berlin, Germany

April 2025 - November 2025

- Provided 10+ tech documents and data models to ease the acquisition and translate from ByteKitchen onto Lightspeed's suite of products in Hospitality
- Created a web application repository in **React/Next.js** for executing tasks for a business location's employees, which was also integrated within the company's **Circle** CI/CD pipelines and developmental environments via **Docker** and **Kubernetes** clusters
- Utilized AI tools and models, **React/Next.js**, and **typescript** in order to develop the foundation of ByteKitchen features in Lightspeed and using **React Query** to cache and fetch data and configurations per business location
- Created the foundation of ByteKitchen features in Lightspeed's mobile application via **React Native** that executes the web application above through a web view and interaction between mobile app and web app

Full Stack Developer

Byte Kitchen, California, United States

November 2024 - April 2025

- Sole full stack developer of ByteKitchen that led development for both the frontend and backend of 4 products and 2 mobile applications utilized by 20 restaurants for operations
- Oversaw the acquisition of ByteKitchen via reducing 450 vulnerabilities and licensing issues to zero, providing 20+ tech documents for software architecture, and led code walkthroughs for the entire suite of products
- Created CRON jobs on **Firebase** as **typescript** functions that used AI to analyze email orders, use **Sento** and **Twilio SendGrid** integrations for alerts, and recurring creation of data instances in **Firestore** for restaurant management
- Iterated on the UI for 4 different web apps hosted on **Vercel** for restaurant operations via **React**, **Next.js**, and **Typescript** which allows for configurations for employment, task management, recipe preparation, and catering orders along with displaying live reports for all locations of a business
- Developed UI for KDS systems utilizing **React Native** and **Expo** for employees to execute tasks for restaurant management, time and attendance management, and recipe preparation
- Created several tRPC functions as REST APIs per application for CRUD operations to **Firestore database** along with integrating external APIs such as Square, Gmail, and 10+ catering channels

Full Stack Developer

Nisum, California, United States

July 2022 - June 2024

- Leveraged **Spark**, **Kafka**, **Databricks**, **Spring Boot**, and **Java** to develop large scale distribution systems and maintenance of 10+ data processing systems tailored for data processing to **SQL** and **No-SQL databases**
- Developed **Python** scripts on public cloud platform such as **Azure** to modify and clean up 2 million production-level records, resulting in a 20% increase in data accuracy.
- Led a cohort of 15 software engineers to architect an Inventory Management System in **Javascript** and **React**, and practicing Agile methodologies (Jira and Confluence)
- Implement unit testing through **Junit** and **Cucumber** which increased code coverage to 90% and enhancing code quality.

Full Stack Developer

Ride Share, California, United States

July 2021 - September 2021

- Crafted a user interface utilizing **React Native** and **Figma**, implementing 10+ pages and reusable components for delivering a list of carpooling posts tailored to location, destination, and scheduling requirements
- Collaborated with a team in a disciplined agile development environment using **Jira**, researching algorithms for over 20 use cases in UI/UX design
- Integrated backend functionality for handling account creation and storing rider/driver posts, implementing over 7 API endpoints and ensuring efficient data management in the system database using **MongoDB**, **Node.js**, and **Express**

Frontend Developer

Cooking with Crumbs, California, United States

September 2020 - December 2020

- Engineered numerous pages and reusable components using mobile development technologies **React Native** and **Expo**, asynchronously fetching 5000+ recipes from Spoonacular API and rendering components based on user pantry and preferences
 - Designed 25+ use case designs using **Figma** and refining the interface based on peer feedback
- Frontend Developer**
IntElect, California, United States *May 2020 - September 2020*
- Prototyped NLP and AI models, increasing keyword extraction efficiency and reducing manual data extraction by 15%.
 - Learned **React.js** and **Selenium**, to implement 20+ UI components through a modular testing framework to ensure TDD and quality.
 - Utilized **Python** libraries, such as **Scrapy** and **Selenium** for information retrieval of 4,000 LinkedIn/Indeed Job Postings in order to accurately find the most sought after skills and technologies given a user's major

EDUCATION

University of California	La Jolla, CA
<i>Bachelors of Science, Computer Science</i>	<i>September 2019 - June 2022</i>
Cuyamaca College	El Cajon, CA
<i>Associates of Science, Uni. Transfer of Math and Science</i>	<i>August 2017 - June 2019</i>