

GERARDO GARCIA

San Jose, CA

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A dedicated and result-oriented software engineer seeking an entry-level job position within a dynamic firm that will allow me to contribute my analytical and technical skills in software design and coding to its development while concurrently aiding my personal growth.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL
Frameworks: React, Redux, Django, Bootstrap, Springboot, Docker
Cloud/Databases: AWS, Heroku, MySQL, MongoDB, PostgreSQL

Education

San Jose State University

Bachelor of Science in Software Engineering

May 2021

San Jose, CA

Relevant Coursework

- Data Structures
- Enterprise Software
- Wireless Mobile SE
- Computer Architecture
- Software Methodology
- Database Management
- Object Oriented Design
- Computer Networks

Projects

Wall Street Market Research Web App | *React, Node.js, IEX Cloud API*

- Refactored existing components that lowered the loading time of the interactive graphs by 30%.
- Built a fully functional search component by connecting the application to the IEX Cloud API to fetch financial data using React, improving the search time by 15%.
- Cooperated with a team member to implement an analysis component to provide insight into companies' daily financial data, and integrating it to increase project functionality and on-time completion.

Gym Membership Web App | *Java, React, MySQL, Docker, Springboot*

- Architected, implemented, and maintained services that connected the client and server-side for a highly scalable, multi-tenant web application using React, JSP, and the MySQL database.
- Deployed the project on AWS Elastic Beanstalk with high availability and scalability, allowing for rapid integration with existing systems.
- Developed a REST API using Springboot that achieved an outstanding response time, which was used by other engineers to communicate with the server.

E-Commerce Web App | *Python, Django, AWS S3, Heroku*

- Designed and structured a store catalog using Django that features product galleries, product ratings and reviews, and product variations.
- Integrated the PayPal API to enable payments and enhance the user checkout experience.
- Configured a user-friendly dashboard that provides the user with information about their past orders.
- Implemented the AWS S3 storage service for the store's media and static files to optimize the reliability and security of the store.

Chat Messaging Web App | *React, Node.js, Stream API, Twilio API*

- Real-time chat messaging application built with the Stream API, React, and Node.js that is responsive, and easy to use.
- Integrated the Twilio API to enable SMS notifications and improve user experience.
- Designed a sidebar component allowing users to create and edit channels, as well as send direct messages to other users, all while ensuring excellent stability.

Additional Experience

Alum Rock Union School District

Assistant Behavior Analyst

August 2016 – Present

San Jose, CA

- Confer with parents, teachers, counselors, or administrators to apply special educational strategies to resolve students' behavioral problems.
- Conduct structured teaching in a school environment and implement changes made to a student's program.
- Record data daily and present information about the student's progress to the clinical team.