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SOFTWARE ENGINEER

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ABOUT ME

I am a software developer with 2 years of experience in maintaining and developing mobile applications. I have strong skills in widely-used industry technologies and can contribute productively and positively to any project. I am looking to join a dynamic company with growth opportunities that encourage professional development.

I am problem-solving oriented and fully aware of the importance of continuous learning. I adapt quickly to new technologies and methodologies, with a strong ability to understand and the flexibility to improve and evolve in software development.

EXPERIENCE

Front-end software developer

Bridgecode, April 2022 - August 2024

As a developer at Bridgecode, I was assigned to various projects for clients across different industries. While I worked on projects for companies such as OralGenome and Purina, my role was managed through Bridgecode, where I contributed as part of the external development team.

I primarily worked with TypeScript on both the Front-end and Back-end, leveraging its benefits as a strongly-typed and widely-used language today. For the user interface, I used React Native, creating components and efficiently managing the front-end.

For version control, I worked with GitHub and Bitbucket, using GitKraken to manage workflows. I also utilized Redux Toolkit for state management in the applications and Firebase for handling statistics and data storage.

On the Back-end, I consumed various APIs and worked with databases developed in PostgreSQL and NestJS. For package management, I used Node.js. Additionally, I worked with Docker to set up local development environments for both the Front-end and Back-end, especially during the initial stages of projects.

For API validation and testing, I used Postman. Every pull request in the projects was regulated through pipelines, ensuring efficient version control. I also have experience in project management with Jira, following the Scrum agile methodology.
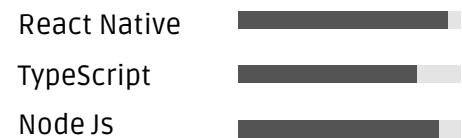
For media management, I used Cloudinary to handle images and videos in the cloud.
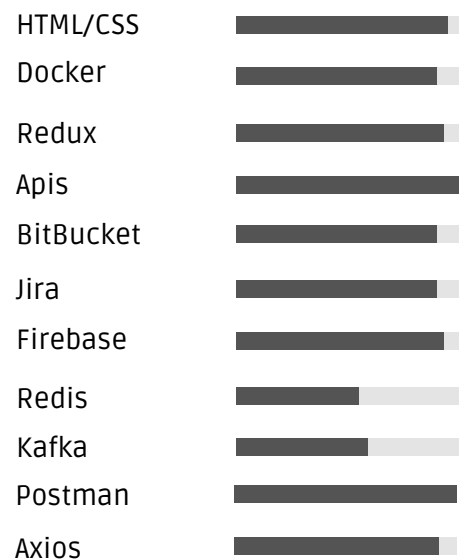
TOOLBOX

LANGUAGES

JavaScript
Python
Java
PHP
SQL

FRONT-END FRAMEWORKS/TOOLS

React Native
TypeScript
Node Js

BACK-END FRAMEWORKS/TOOLS

Express
Nest js

CLOUD, DB AND TOOLS

HTML/CSS
Docker
Redux
Apis
BitBucket
Jira
Firebase
Redis
Kafka
Postman
Axios

Projects Assigned by Bridgecode:
Musicians' Social Network (March 2022 - June 2024)
My primary project was the development of a social network for musicians, assigned to me by Bridgecode. In this project, I focused exclusively on the Front-end, using TypeScript and React Native to create custom components and build an intuitive, responsive user experience. I utilized Redux Toolkit for efficient state management and Firebase for data storage and analytics. Additionally, I integrated Cloudinary to handle image and video management in the cloud.
For version control, I used GitHub and Bitbucket, with GitKraken to manage workflows, ensuring seamless continuous integration.

OralGenome (February 2024 - August 2024):
In this project, I worked on the Back-end for a dental clinic application. I used NestJS and TypeScript to create APIs connected to a PostgreSQL database, implementing tools like Redis for cache management and Kafka for real-time notifications. My role included optimizing query performance and performing unit tests on key services and controllers.

Purina (April 2022 - October 2022):
In this project, I participated in the Front-End development of the Purina app. Using React Native and TypeScript, I focused on bug fixing and implementing new features. My work centered on improving the user interface and ensuring the smooth functionality of the application.
This experience at Bridgecode provided me with a well-rounded skill set in both Front-end and Back-end development, allowing me to manage and contribute to a variety of projects for different clients.

Tech used: Typescript, React Native, Docker, Git, Redux, Postman, Jira, BitBucket, Node Js, JavaScript, Apis, Visual Studio Code, Swagger, Pipelines, Git Kraken, Redis, Kafka, Nest js, Express, Firebase, Java Script.

Full-Stack Personal Proyect

March 2024 - current

I am currently working on a personal project that leverages the knowledge I've gained throughout my career. The project is a mobile application designed to help gamers from around the world connect with each other and play together. I built this project from the ground up.
For the development of this project, I used JavaScript and React Native for the front-end, providing structure to the project and its components. I employed Redux for state management within the app. Additionally, I integrated Firebase for authentication, user login, and as a database solution. For package management, I used Node.js. I also implemented version control with Git and used basic JavaScript algorithms for player searching within the app.

Tech used: JavaScript, Git, Git Kraken, Api, Firebase, React-Native, Node js, Axios, Redux.

Graduation Project

Centro De Enseñanza Técnica Industrial, February
2023 - December 2023

In order to graduate from CETI Colomos, I worked with my team on a project that involved developing a Moodle platform to help failing students learn structured programming in the C++, and C language. We integrated AI into the project using the ChatGPT API. We utilized technologies such as Docker, JavaScript, Python, PHP, HTML and CSS.

Tech used: JavaScript, Docker, Git, Git Kraken , Python, Api, C, C++, Linux Kernel, PHP, SQL.