

Ivan Monroy

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Summary

• I am passionate about software engineering. I want to bring my technical skills as well as my soft skills to a place where I can continue to grow.

Skills

Technical

- C++ | Java | JavaScript | Python | Node | Express | React | NoSQL | Scala | SQL | PostgreSQL | Git |
- Distributed Systems | Frontend | Backend | Full-Stack |

Soft

- Problem Solving | Communicative | Teamwork | Adaptability | Self-Management |

Education

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|-----------------------------|--------------------------------------------------|------------------------|--------------------------|
| Bachelor of Science | <u>University of California Riverside</u> | <i>Riverside, CA</i> | 01/2021 - 03/2023 |
| • Major in Computer Science | | | |
| Associate of Science | <u>Mt. San Jacinto College</u> | <i>San Jacinto, CA</i> | 01/2017 - 07/2020 |
| • Major in Computer Science | | | |

Projects

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- **Bank Website** : Created a website for banking using nextjs and tailwindcss to demonstrate frontend development as well as backend. The backend is supported using Supabase which is a Postgres Database.
[Live Bank Project](#) [GitHub Bank Project](#)
 - **Portfolio Website** : Created a website portfolio using reactjs and tailwindcss to demonstrate frontend development.
[GitHub Portfolio](#)
 - **Database Management** : Created a retail store application using PostgreSQL to create and manipulate data. To create the interactive environment Java Database Connectivity was used along with Java. This application has multiple login personas such as customer, manager/worker, and admin. Each persona had their own menu system that allowed for different queries.
[GitHub Database Management Project](#)
 - **Data Analysis** : Analyzes a dataset that represents bird observations made by volunteers all over the world. There were several subsets ranging from 1k, 10k, 100k. I contributed by using SQL and Scala in counting the percentages of observations for a specific species given a zip code and visualizing the results as a choropleth map.
[GitHub Data Analysis Project](#)
 - **Note Taking Website** : Created a website for taking notes using reactjs and tailwindcss to demonstrate frontend development as well as backend. The backend is supported using Supabase which is a Postgres Database.
[GitHub Note Taking Project](#)