

# HUNTER O'BRIEN

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## Professional Summary

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Experienced mid-level backend software developer passionate about creating robust and efficient code to drive both frontend and backend features. Well-versed in software design and development, specifically related to backend design. Avid learner of coding languages and dedicated to staying updated on machine learning technology.

## Technical skills

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- C++
- Python
- C
- Database Architecture
- Java
- Git
- SQL
- ORM

## Education

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**Palomar College**, San Marcos, CA

**January 2023 - Present**

**Major:** Computer Science

Associate of Science in Computer Science (Anticipated graduation May 2025)

Associate of Science in Mathematics (Anticipated graduation May 2025)

## Work Experience

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**Backend Software Engineer** | Neutrino Supply LLC | San Marcos, CA

**January 2023 – Present**

Designed and implemented three fully functional databases using PGSQL, ensuring efficient data storage and retrieval.

Developed comprehensive integration tests to rigorously test PGSQL databases, ensuring data integrity and system reliability.

Implemented hooks and functions to facilitate API calls for various features, enhancing the system's capability to interact with external services.

Collaborated with the front-end engineering team to facilitate the implementation of components that utilize backend features, through the use of comprehensive documentation and organized meetings to ensure seamless integration and a cohesive end-user experience.

Collaborated closely with the project manager to create user stories and task assignments for the development team using JIRA, ensuring efficient project management and timely delivery.

**Explosive Ordnance K9 Handler/Trainer** | United States Marine Corps

**October 2016 – October 2021**

Maintained meticulous training and performance records of K-9 Teams used in the prosecution of criminals and legal reviews.

Provided K-9 support for the US Secret Service and other federal agencies, ensuring the security of the President and Vice President of the United States.

Offered K-9 support to various local and federal agencies, including California Highway Patrol, California Border Patrol, California State Parks Service, Oceanside Police Department, and California State University San Marcos Police Department.

## Certifications

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AWS Cloud, Coursera - (2023)

Google Cloud, Coursera - (2023)

Backend Engineer Development, Mosh, - (2023)

Machine Learning Intermediate, Coursera, In progress

React and React Native, Mosh Learning, In progress