

# Sean Pacheco

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Providence, Rhode Island

## TECHNICAL SKILLS

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**Languages:** Java, TypeScript, SQL (PostgreSQL), JavaScript, HTML/CSS

**Frameworks:** React, Spring Boot Node.js, Next.js

**Tools & Platforms:** Git, Jira, Auth0, MongoDB, AWS (Amazon Web Services), Docker, Linux

**Developer Practices:** Object-Oriented Programming (OOP), Agile (SCRUM), REST APIs

## PROFESSIONAL SUMMARY

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A results-driven software engineer with a Bachelor's degree in Computer Science and hands-on experience in designing and developing full-stack web applications. Adept at collaborating in Agile environments to deliver scalable and user-centric solutions. Proficient in modern frameworks and technologies such as React, TypeScript, and PostgreSQL. Passionate about optimizing performance and enhancing user experiences.

## EDUCATION

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### Western Governors University

*Bachelor of Science in Computer Science*

*Class of 2025*

## EXPERIENCE

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### Software Engineer Internship

2024

*100Devs*

*Los Angeles, CA*

- Designed and developed responsive full-stack web applications using React for dynamic frontends and Node.js/Express for RESTful API backends.
- Implemented PostgreSQL databases to optimize data storage and retrieval processes for enhanced performance.
- Collaborated with cross-functional teams to ensure alignment with client requirements while adhering to Agile methodologies like SCRUM.
- Utilized Git for version control to streamline collaboration and maintain code integrity across project life-cycles.

#### *Key Achievements*

- Reduced page load times by 30% through optimized database queries and frontend performance tuning.
- Delivered three client-facing applications on time while exceeding quality expectations.

## PROJECTS

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### Pool-Manager | *Full-Stack Web Application*

2024

**Technologies:** React, TypeScript, Node.js, PostgreSQL, Auth0, Git, Express

- Developed a robust full-stack application with a React frontend and a Node.js/Express backend.
- Designed a PostgreSQL database schema to support efficient data management for user accounts and pool scheduling.
- Integrated Auth0 for secure user authentication and authorization workflows.
- Leveraged TypeScript to ensure type safety and maintainability throughout the codebase.

#### *Key Achievements*

- Improved database performance by 10% through optimized SQL code.

## CERTIFICATIONS

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### LPI Linux Essentials

### Axelos ITIL 4 Foundation - IT Service Management Certification

## EXTRACURRICULARS

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**WGU Cyber Security Club:** Participated in workshops on secure coding practices and ethical hacking techniques.