

WILLIAM ORBACH

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PROFESSIONAL SUMMARY

Recent Software Engineering graduate with robust academic experience in full-stack and mobile application development. Proficient in Java, JavaScript, and Python, with a strong foundation in agile methodologies, software design, and data management. Demonstrated ability to build scalable, user-centric solutions through rigorous academic projects and hands-on coursework. Eager to leverage technical expertise and innovative problem-solving skills in a professional setting to contribute to dynamic development teams.

SKILLS

Skills: Java, Python, JavaScript, TypeScript, Node.js, AngularJS, React.js, Spring, AWS, MySQL, REST APIs, HTML/CSS, Android Development, Agile, Docker, Bootstrap, Hibernate, SQL, JUnit, Postman, SCRUM, Vercel, Word/Pages/Docs, PowerShell, AWS, Git

EDUCATION

Western Governors University

Bachelor's, Software Engineering

October 2023 - April 2025

GPA: 3.5

- Subjects addressed include Front-end Web Development, Cloud Foundations, Data Structures and Algorithms, Back-end Development, Software Design, Quality Assurance, Java Frameworks, and Data Management.

Middlesex College

Associate's, Allied Health

September 2014 - May 2017

GPA: 3.4

PROJECTS

Vacation Scheduler Android Mobile Application

February 2025 - April 2025

- Developed a robust Android application for vacation and excursion management.
- Engineered full CRUD functionality for vacations and excursions, leveraging the Room Framework and SQLite for reliable local data persistence.
- Designed intuitive, multi-screen interfaces with detailed views, alerts, and sharing capabilities, ensuring a user-centric experience.
- Enforced strict input validation and deployed a signed APK for all Android 8.0+ devices.

Vacation Booking Application

October 2024 - December 2024

- Re-architected a legacy travel bookings back end by creating a modern Spring Boot application integrated with MySQL, delivering efficient data management and RESTful APIs.
- Structured the codebase into modular packages (controllers, entities, dao, services, config) to facilitate maintainability and scalability.
- Implemented a checkout controller for processing vacation orders, along with comprehensive validation logic to support front-end integrations.

Scooter Inventory Management Web Application

May 2024 - July 2024

- Designed and developed a scalable inventory management system using the Spring Framework with a Java back end and custom HTML/CSS front end.
- Customized the UI to showcase shop branding, detailed product listings, and part information, while integrating an "About" page with seamless navigation.
- Engineered sample inventory logic to prevent duplication and implemented a dynamic "Buy Now" feature that accurately updates stock levels.
- Developed robust inventory validations and unit tests, ensuring data integrity and a clean codebase.

Task Tracker Python CLI Tool

May 2025 - May 2025

- A simple Python command-line interface (CLI) application that helps users manage a to-do list
- Users can add tasks, mark them as complete, unmark them, and view both current and completed tasks.

CERTIFICATIONS

ITIL v4 Edition, Professional Scrum Master PSM 1, Google IT Support Professional, Tableau Creator, Break into Tech Data Analytics, AWS Certified Cloud Practitioner, WGU Front-end Developer, WGU Back-end Developer

WORK HISTORY

Topgolf Entertainment Group

Event Ambassador

Edison, NJ, USA

March 2020 - Present

IBuy UCell LLC

Electronics Procurement Salesman

Edison, NJ, USA

October 2018 - March 2020

Computer Generated Solutions

Tech Support Associate

Edison, NJ, USA

January 2018 - June 2019