

Dylan Ledermann

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EDUCATION

University of California San Diego

Bachelor of Engineering in Computer Engineering

Coursework: Software Engineering, Operating Systems, Data Structures and Algorithms, Computer Architecture, AI, Network Architecture

San Diego, CA

Sep 2021 - June 2025

TECHNICAL SKILLS

Programming Languages: Javascript & Typescript (React, Node, NextJS, & Express), Python (Django), C# (.NET 9), SQL (PostgreSQL), Java

DevOps & Deployment Tools: Docker, Firebase Hosting, Render, AWS, Postman, MongoDB (NoSQL)

Skills: Agile development, Git/GitHub, Testing, REST APIs, Wireshark

PROJECTS

Meetup | Full-Stack Event & Social Web App

2025

TypeScript, NextJS, Axios, .NET 9, PostgreSQL, JWT, Docker, Jest, xUnit

- Developed a scalable web application for users to create and join meetups, using TypeScript and Axios for a modular, strongly typed frontend with interceptor support
- Implemented secure JWT-based access and refresh token flow for frontend-backend authentication and authorization
- Built a RESTful backend with .NET 9 and PostgreSQL, providing robust data persistence and API design
- Added comprehensive testing coverage using Jest for frontend components and xUnit for backend logic
- Containerized the entire stack with Docker for consistent development, deployment, and team collaboration
- Applied modern software engineering practices including modular design, secure API integration, and CI-ready architecture

ResumeBuilder | Full-Stack Web App

2025

React, Node.js, Express.js, MongoDB, Firebase, Render, Vite, JWT

- Built a full-stack resume builder with user authentication, customizable templates, and color schemes
- Developed modular frontend and backend using React, Node.js, and Express.js with Vite for optimized builds
- Implemented MongoDB for data storage and deployed on Render (backend) and Firebase (frontend)
- Created RESTful APIs, responsive UI, and secure session handling for seamless user experience
- Implemented JWT-based authentication for secure, stateless user sessions
- Used Git and Visual Studio Code for source control and efficient development workflow

ReviewSyd | Campus Networking & Class Review Web App

2024

Django, HTML, CSS, Bootstrap, AJAX, AWS

- Built a web platform for students to connect, review courses, and find tutors, enhancing academic collaboration
- Developed the backend using Django, with a responsive frontend built in HTML, CSS, and Bootstrap
- Integrated AJAX for seamless asynchronous communication between frontend and backend
- Collaborated in a 5-member team, using GitHub for version control and Agile practices for coordination
- Deployed a working prototype on AWS, demonstrating deployment and cloud hosting capabilities

Successorator | Android To-Do List App

2023

Java, Android Studio, SQLite, DAO, Agile

- Developed an Android app enabling users to manage goals via customizable to-do lists with recurring tasks, deadlines, and categories
- Built using Java in Android Studio, utilizing DAO pattern for efficient goal data management with SQLite
- Collaborated in a 6-member Agile team, ensuring timely delivery and cross-device compatibility based on customer requirements
- Focused on clean UI/UX, modular architecture, and smooth performance across Android devices

WORK EXPERIENCE

Sacks In The City Cafe

Redondo Beach, CA

Cashier

Jun 2021 – Sep 2022

- Delivered excellent customer service by greeting customers, assisting with inquiries, and accurately processing orders in-person, over the phone, and online
- Prepared ingredients and crafted beverages, including smoothies, juices, and coffees, ensuring quality and consistency
- Maintained a clean and organized front-of-house area to create a welcoming and efficient environment for both customers and staff