

Jacob Deines

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Portfolio: <https://portfolio-2025.up.railway.app>

PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience building scalable web applications using JavaScript, React, Node.js, and AWS. Proven ability to integrate APIs, deploy cloud-native apps, and deliver modern, responsive user experiences. Known for writing clean code, building real-world functionality, and implementing secure, scalable infrastructure.

EDUCATION & CERTIFICATIONS

Full-Stack Web Development Certificate

University of Oregon Coding Bootcamp

PROJECTS

NutriSnap AI-Powered Nutrition Analyzer

Tech: React.js, Node.js, Express, OpenAI API, AWS Amplify

- Built a computer vision app that analyzes food images and returns nutrition data using GPT-4.
- Designed and secured a RESTful API with AWS Amplify hosting.
- Focused on responsive UI and structured JSON output for nutrition data.

Chatbot-AI Conversational Web Assistant

Tech: React.js, Node.js, Express, OpenAI API, AWS Amplify, CSS3

- Created a chatbot web app with OpenAI API for fluid conversation and contextual memory.
- Emphasized mobile-first design and clean, modern UI with persistent chat flow.
- Deployed on AWS Amplify with consistent conversation performance.

Sensor Data Dashboard GCP-Based IoT Data Pipeline

Tech: Python, Flask, GCP (BigQuery, Cloud Storage, Firestore), Looker Studio

- Built an IoT data pipeline to log JSON, transform datasets, and analyze via BigQuery.
- Visualized sensor trends using Looker Studio dashboards.
- Documented and executed an end-to-end ETL flow.

PROFESSIONAL EXPERIENCE

Oncology Pharmacy Technician (Part-Time) | Summit BMC Bend, OR | 2023 Present

- Ensure medication accuracy using the Epic system in EHR workflows.
- Work with clinical teams to meet safety and regulatory compliance using PPE.

Operator III | Lonza Bend, OR | 2019 Present

- Execute GMP-regulated protocols and prep manufacturing suites for production.
- Support system implementations for better inventory accuracy and workflow.
- Maintain high-detail documentation for process reliability.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3

Frameworks & Libraries: React.js, Node.js, Express.js

Databases: Firebase Firestore, MongoDB, MySQL

Cloud & DevOps: AWS (Amplify, Cognito), GCP (BigQuery, Firestore, Cloud Storage), CI/CD

Testing: Jest, React Testing Library

Tools: Git, GitHub, VS Code, Postman

Design & UI: Responsive Design, CSS Flexbox/Grid, Font Awesome

Other: RESTful APIs, JSON, Agile/Scrum