

# Anas Alakkad

## SOFTWARE ENGINEER

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**TECHNICAL SKILLS** • JavaScript • Python • Flask • React • C++ • HTML5 • CSS3 • POSTGRES • NodeJs • Express • Redux • SQLAlchemy • Sqlite • Docker • Git • Pytest • Amazon Web Services • Google Cloud Services • Verilog • Assembly

**RELEVANT SKILLS** • Adobe InDesign • Data Analysis • Client Management • Customer Service

## PROJECTS

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### Starco | [Github](#) | [Live](#)

*flask • python • react • redux • javascript • css • AWS • postgres • sqlalchemy*

- Administered user authentication, employing BCrypt, React Auth Routes, and Google OAuth, to enhance security and user data protection.
- Built a dynamic shopping cart, using React and Redux for the UI and Flask for backend processes, boosting user experience and system scalability.
- Streamlined a menu item management system, integrating Flask, React, and AWS S3, which refined CRUD operations and elevated the user interface.
- Transformed a full-stack restaurant system, combining Flask with Google Places API and React with Redux, significantly boosting user engagement and efficiency.
- Upgraded authentication and Docker implementation, integrating Google OAuth with JavaScript, React, and Flask, enhancing login security and deployment efficiency.

### PixelPond | [Github](#) | [Live](#)

*flask • python • react • redux • javascript • css • AWS • postgres • sqlalchemy*

- Restructured album management features, using React for an engaging frontend coupled with Flask's backend, creating a highly interactive UI.
- Instituted real-time commenting features, with React and Flask's backend, to foster dynamic user interactions and heightened engagement.
- Formulated a user-focused favorites feature, merging React's intuitive design with Flask's backend, augmenting personalized content curation.
- Revitalized search capabilities, employing React and Redux for user and tag search, integrated with Flask for improved user experience and navigability.

### MarketPulse

*Python • NLTK • Google Colab • Twitter API • Alpaca API*

- Collaborated on a stock analysis tool, integrating Python, NLTK, and employing Google Colab with Alpaca API.

## EXPERIENCE

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### Transportation Manager • Ceravo Care • Upland, CA

**08/2017 – Present**

- Led a transportation team, enhancing performance and efficiency, impacting 30+ team members.
- Overhauled trip routing, achieving a 20% improvement in operational efficiency.
- Spearheaded staff management, reducing turnover by 15%.

### Teacher Assistant (Volunteer) • Cal Poly Pomona University • Pomona, CA

**08/2021 – 12/2021**

- Enhanced student understanding in Microcontroller & Digital Logics Design, yielding a 10% rise in average grades.
- Led multiple tutorial sessions, showcasing organizational and time management skills, benefiting over 30 students.

## EDUCATION

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**California State Polytechnic University, Pomona** • Bachelor of Science, Computer Engineering • Pomona, CA **2022**  
**GPA • 3.62**

**Curriculum Highlights** • Advanced Circuit Design • Object-Oriented Programming • Microcontrollers • Data Structures and Algorithms • Cybersecurity Fundamentals • Artificial Intelligence • Embedded Systems

**Academic Distinctions** • Dean's Honor List, 2021

**Mt. San Antonio College** • CSU General Education Certification • Walnut, CA

**2019**

**Academic Distinctions** • Dean's Honor List, 2017 • President's Honor List, 2018