# 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

**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

**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

**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*