

Abdul Kalam Syed

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EDUCATION

Software Engineering, M.S.

September 2024 – June 2026

University of California, Irvine – *Irvine, CA* (GPA: 3.84)

Computer Science, B.S., Minor: Data Science

August 2020 – May 2024

California State Polytechnic University, Pomona – *Pomona, CA* (GPA: 3.82, Summa Cum Laude)

- Related Coursework: Artificial Intelligence, Software Engineering, Machine Learning, Database Systems

EXPERIENCE

IT Support Specialist I, Prime Healthcare – *Ontario, CA*

June 2023 – Present

- Support enterprise-scale hospital systems across 50+ hospitals, prioritizing uptime and patient-impacting reliability.
- Resolving 300+ issues weekly through calls and ServiceNow and improving First Call Resolution rate by 10%.
- Build templates and automation scripts that accelerated team efficiency and reduced repetitive workloads.
- Perform pre-deployment validation to ensure system stability before release to production environments.

PROJECTS

[P1 Matt & Tommy Platform](#), Full-Stack Developer

January 2026 – Present

Content creator engagement platform for Formula 1 audience. | **Next.js, React, Supabase, PostgreSQL, REST APIs**

- Built an engagement platform for Formula 1 audiences with predictions, ratings, and viewer interaction.
- Designed backend schemas and REST APIs using Supabase and PostgreSQL to manage users, season-long scoring, rankings, and historical performance data.
- Implemented deterministic leaderboard logic to ensure consistent scoring and ranking across events.
- Developed scalable UI components in Next.js and React to support engagement during high-traffic race weekends.
- Focused on clean API contracts and extensible data models to support future creator tools and analytics features.

[Accessibility Analysis Plugin for Figma](#), Full-Stack Developer

October 2024 – June 2025

Real-time accessibility analysis plugin for Figma designs. | **JavaScript, WCAG, HTML/CSS, OpenAI API**

- Built a real-time Figma plugin in JavaScript to extract and normalize design metadata for accessibility analysis.
- Implemented structured, rule-based evaluation over Figma design JSON aligned with WCAG requirements.
- Developed an in-plugin reporting UI using JavaScript and HTML/CSS that highlights accessibility violations, affected elements, and severity levels in real time.
- Integrated AI-assisted suggestions via the OpenAI API to generate actionable fixes while preserving design intent.
- Delivered an end-to-end system focused on maintainability, accountability, and designer usability.

[PennyWise.money](#), Full-Stack Developer

September 2023 – December 2023

Expense-tracking website to track and categorize spending. | **Python, Flask, REST API, AWS, React Native, SQLAlchemy**

- Led backend, implementing Flask REST APIs and SQLAlchemy ORM for end-to-end data handling.
- Integrated Plaid API to automate bank connections and developed an NLP categorization pipeline using Python + Pandas, reducing manual entry by 75%.
- Collaborated with frontend developers to build login, signup, and expense pages, integrating backend routes.
- Deployed the website, with backend on AWS EC2 and frontend on Vercel, using a custom domain for hosting.

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript/TypeScript, HTML/CSS

Frameworks & Tools: REST APIs, Flask, React, PyTorch, TensorFlow, Docker, Git/GitHub, Linux

Cloud & Databases: AWS (EC2, RDS), PostgreSQL, MySQL, MongoDB

Core Concepts: Object-Oriented Programming, Data Structures & Algorithms, API Design, Agile Development