

# Saad Kadhi

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Active Software Developer with a strong foundation in software engineering principles and hands-on experience in developing applications. Skilled in problem-solving and eager to leverage technical skills in a collaborative IT environment.

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## EDUCATION

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Arizona State University

Phoenix, AZ

Computer Science(Emphasis in Software Engineering) / B.S.

August 2020 - May 2024

GPA: 3.06

Dean's List: Fall 2020, Spring 2021

Member of Ira A. Fulton School of Engineering, ASU Esports team, and Sun Devil Marching Band.

## PERSONAL PROJECTS

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### Medical Dashboard

Aug 2024

- Developed a medical dashboard mockup that integrates with Postman API to dynamically populate patient information using Vanilla Javascript.
- Designed a clean, responsive layout to ensure compatibility with various screen sizes, displaying 100% data accuracy.

### Threat Detection System

May 2024

- Created a mobile application that leverages a YOLOv5 model to detect threats in traffic, achieving high accuracy(92.9%) and quick inference(>60 fps) speeds.
- Integrated external computing resources to effectively manage the model's efficiency and speeds.

### Nimbus Weather App

Feb 2024

- Built a MVVM iOS app in Swift that uses a weather API to display real-time, location-based weather data in a custom UI.
- Added functionality for users to select various locations and included a weather-themed game for user engagement.

### Password Manager

Jan 2023

- Developed a JavaFX application for encrypted password generation, storage, and management within a MySQL server, all available through secure user authentication.
- Implemented data integrity and security features such as 2FA, encryption protocols, and standard database principles.

## RELEVANT COURSEWORK

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- **Data Structure and Algorithms**- Applied and developed logical problem solving skills to design and develop various data structures in C++.
- **Software Integration and Engineering**- Developed service oriented robust web applications using ASP.NET Core C#, offering a variety of SOAP and RESTful services.
- **Principles of Mobile App Development**- Developed iOS applications in Swift using the MVVM architecture.
- **Multimedia Information Systems**- Explored computer vision data classification techniques to process data into a model.

## SKILLS

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### Languages and Technologies

\*Proficiencies are bolded

**Programming Languages:** Java, C++, Python, C, C#, **JavaScript**, Bash.

**Web Technologies:** HTML, CSS, **JavaScript**, **React**, Node.js, TypeScript, ASP.NET.

**Databases:** MySQL, SQL.

**Tools and Platforms:** GitHub, Linux, **Windows**, Salesforce, Excel.

**Frameworks:** Spring Boot.

### Soft Skills

**Team working:** Collaborated with an open mind in many teams on various academic projects, in an agile setting.

**Adaptability:** Made use of my resources to implement Medical Dashboard with limited javascript knowledge.

**Open-minded:** Stayed open to receiving feedback and different takes within a team setting to improve work.

**Continuous learner:** Took udemy web development courses to expand my portfolio of knowledge.

**Communication:** Communicated with stakeholders and team members to devise the most precise solutions.

## WORK EXPERIENCE

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**Host/Hostess**

**Phoenix, AZ**

**Kobe Japanese Steakhouse**

**April 2021 - June 2021**

- Ensured an exceptional customer experience by professionally greeting guests and maintaining a clean, respectful, and welcoming atmosphere.
- Assisted with food preparation and delivery to ensure efficient service, and preparing tables to present a clean, organized dining environment.
- Played a key role in managing reservations and take-out orders, carefully coordinating availability to optimize customer flow during peak hours.