

SHARIF AHMED

SOFTWARE ENGINEER

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SUMMARY

A Software Engineer specializing in scalable, full-stack web applications using **React.js**, **Next.js**, **Ionic**, and **PostgreSQL**. Leveraging experience from Funeral Directors Life and leadership in developing a cross-platform flashcard app with **Go** and **Supabase**, I optimize development processes using **Agile methodologies**, **Jira**, and **Git**. Committed to delivering user-centric solutions that enhance efficiency and drive business success.

EDUCATION

Hardin-Simmons University | Abilene, TX

B.S. in Computer Science | Minor Business Administration | May 2025

- Acquired knowledge through courses in Web Technologies, Computer Data Structures, Database Systems, and UI/UX.
- Achieved certifications from SoloLearn for Java in January 2021 and Python 3 in November 2019

INTERNSHIPS EXPERIENCE

Funeral Directors Life (FDIC) | Abilene, TX

Development Operations Intern | Sep 2022 - Oct 2023

- Developed and maintained software applications using **React.js**, achieving minimal QA returns through rigorous code reviews and testing, improving application reliability.
- Streamlined workflows by leveraging **Jira**, **Confluence**, and **Git/Bitbucket**, reducing ticket resolution time by 20%.
- Documented features and issues, creating personal documentation that enhanced team knowledge sharing and process efficiency.
- Collaborated with cross-functional teams and engaged in customer interactions, honing communication skills and ensuring user-focused solutions.

TECHNICAL STACK

Programming Languages:

JavaScript | Python | Java | Swift | TypeScript | C++

Web Development:

HTML | CSS | React.js | Next.js | Bootstrap | Tailwind CSS | State Management | Node.js | Strapi | WordPress | WooCommerce | PostgreSQL | MySQL | SQL | NoSQL | Stripe | Resend | Go | SSR | Vue.js | AWS Amplify

Tools:

Git | GitHub | Heroku | Atlassian JIRA | Confluence | Bitbucket | Plotly | Asana | Dialogflow | Dark Sky API | Unit Testing | Test Cases | Supabase | Jest | Playwright

Deployment:

VPS | Hostinger | Vercel | AWS | Render

Methodologies & Soft Skills:

Agile | MVC architecture | Collaboration | Communication | Technical Documentation

PROJECTS

<https://nemtbiling.com/>

NEMT Billing | Jan 2024 - Present

- Developed a secure billing system for non-emergency medical transport using **Next.js** and **Strapi**, integrating **Stripe** for payments, **Resend** for email notifications, and **React Context** for user authentication to streamline billing processes and enhance data protection.
- Deployed the system on **Vercel (frontend)** and **VPS (backend)**, utilizing **Tailwind CSS** for consistent styling and conducting unit testing to ensure reliable performance under varying conditions.

<https://www.kingsharif.live/>

Personal Portfolio | Aug 2023 - Present

- Built a responsive portfolio website using **Next.js**, **Tailwind CSS**, and **TypeScript**, focusing on clean design and user-friendly navigation to effectively showcase my projects.
- Deployed on **Vercel**, incorporating dynamic project displays and contact integration to enhance professional outreach and networking opportunities.

https://github.com/HSU-Senior-Project-2025/Cowboy_Cards

Cowboy Cards | Jan 2025 - May 2025

- Led Core team in developing a flashcard-based learning app using **Agile** methodology, delivering an **MVP** via sprints, managed with **GitHub** for version control.
- Implemented class-based grouping for teachers to assign flashcards and track progress, using **Ionic**, **React**, **HTML**, **CSS**, and **Capacitor** for cross-platform (Web, iOS, Android) functionality.
- Built backend with **Go** and **SQLC**, integrating **Supabase PostgreSQL** for user authentication and real-time flashcard storage, deployed via **Appflow**.
- Planned enhancements like leaderboards and learning psychology integration to optimize user learning outcomes.

<https://comeandtakeitcollectibles.com/>

Come And Take It Collectibles | Aug 2022 - Oct 2022

- Created a **WordPress/WooCommerce** e-commerce platform for rare coins and collectibles, integrating secure payments, **SEO** optimization, and detailed product categorization to enhance user experience.
- Documented setup and customization processes to improve maintainability and support future scalability.

CERTIFICATIONS

HackerRank

Certified Software Engineer - E87271CEB86C | Jun 2025

Frontend Developer (React) - 6B716C52B61E | Jun 2025

Udemy

Microsoft Power BI Desktop for Business Intelligence - UC-19ed7190-42b0-4564-af45-0242f35adbb0 | Jun 2025