

Ashiq Syed

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SUMMARY OF QUALIFICATIONS

- Recent computer science graduate from the University of Georgia with hands-on experience developing software using React, Next.js, MongoDB and Firebase. Eager to grow my skills in software engineering and contribute to a team.

EDUCATION

University of Georgia, Franklin College of Arts and Sciences
Bachelor of Science, Computer Science, Magna Cum Laude
GPA: 3.77

Athens, GA

August 2022 - May 2025

RELEVANT COURSEWORK

Cybersecurity, Software Engineering, Mobile Software Development, Algorithms, Web Programming, Computer Architecture Organization, Computer Networks, Data Structures, Introduction to Theory of Computing, Discrete Mathematics

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, Python, HTML, CSS, TypeScript, C, C++

Frameworks/Libraries: React, Node.js, Express.js, Next.js, React Native, JavaFX

Tools/Databases: Git, Github, VSCode, Android Studio, Firebase, MongoDB, Postman, Unix, IntelliJ, Figma, SQLite, Wireshark, Jupyter Notebook

PROJECT EXPERIENCE

Cost Settler, *Mobile Software Development*

November 2024 - December 2024

- Developed an android application that allows users within a household to share a modifiable shopping list.
- Implemented the ability to move items from a shopping list to user specific shopping carts, make and edit purchases to correct any incorrect information.
- Added the functionality of settling costs in order for users to properly pay their share of the total cost.
- Used Firebase to store the shopping list, individual shopping carts, and purchases and to implement authentication

State Capitals Quiz, *Mobile Software Development*

October 2024 - November 2024

- Developed an android application, utilizing SQLite, that allows the user to play a six question state capitals quiz.
- Stored quiz information, read from a .csv file, into a SQLite table in order to randomly select states and answers for a quiz question.
- Recorded the quiz score and start time in a SQLite table.
- Implemented the functionality of viewing quiz history by reading from the table of quizzes.

Reminder, *Web Programming*

March 2024 - April 2024

- Developed a full stack application that allows users to create accounts, store reminders in a MongoDB Atlas Cluster and perform standard CRUD operations
- Created a user interface using Next.js
- Utilized Express.js to implement the backend and connect to the database
- Implemented user authentication utilizing JWTs and local storage to persist state
- Authorized server-side routes using a middleware function that verified a user's JWT

go/sh, *Systems Programming*

April 2023

- Developed a Unix-like shell using C
- Added the capability of executing built-in commands and executable commands using system calls and executable files
- Utilized system calls in order to implement basic I/O redirection, including piping

WORK EXPERIENCE

Kumon Institute of Education

Suwanee, GA

Tutor

July 2019 - March 2020

- Tutored elementary and middle school students in mathematics and language arts
- Taught preschool-aged students basic counting and reading skills
- Assisted students with their Kumon assignments, including grading the assignments