RYHEEM HEARD

Software Engineer
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PROFILE

Software engineer with a solid educational background and demonstrable record of taking design ideas to working software. My involvement in real-world projects showcases my ability to lead teams, make technical decisions, and deliver successful software solutions within specified timelines. My proficiency in a diverse set of programming languages and technologies, coupled with my experience in Agile environments, positions me as a valuable asset for organizations seeking skilled software engineers. Collaborated with a 5-member agile team to develop Scooper, an elementary pick up software.

PROJECTS

Scooper
AUGUST 2023 — PRESENT

Scooper is a software application crafted to enhance the efficiency of school dismissal procedures. It encompasses a suite of features leveraging geo-location technology to facilitate the seamless check-in of parents for student pick-up. Additionally, it empowers school administrators with automated tools to effectively manage and streamline the pick-up process.

- **Deployed and implemented** a cloud solution. The Scooper API is powered by Google Cloud Platform and uses REST principles to deliver web services.
- **Developed two native iOS applications** using Swift, SwiftUI frameworks, and iOS SDKs.
- **Collaborated with a 5-member agile team in a role as software architect**, led the technical direction, and made design decisions through software development life cycle to deliver on functional requirements.
- **Wrote technical documentation and specifications.**
- **Performed other duties including front-end UI/UX design, and development.**
- **Scooper API uses REST, NoSQL, JavaScript, Angular, Google Cloud Platform** and other technologies to expose endpoints.
- **Github for source control management and Atlassian tooling for project management.**

Aim
JANUARY 2023 — MAY 2023

Aim is a web-based project management tool that integrates several features, including project management, task prioritization, and team collaboration, designed for software development teams.

- **Lead a 5-member project planning and management team** to deliver a prototype, web based, project management tool using Agile methodology.
- **Developed a schedule** to divide the project into 5 phases. Each phase was further broken down into steps and activities, covering the software development lifecycle. The plan utilizes the critical path method to identify essential tasks for project completion and provide scheduling flexibility. The detailed schedule ensures systematic progress through each phase of development, adhering to Agile principles while managing resources effectively to meet project goals within the specified timeline.
- **Provided a detail risk assumption** to identify potential risks and proposed strategies for risk mitigation and elimination to ensure the successful development and implementation of the Aim project management system.
- **Technology stack Github, AngularJS, Adobe XD**

EDUCATION

Master of Science Software Engineering, Kennesaw State University, Marietta, Ga

Bachelors of Science Computer Science, Kennesaw State University, Marietta, Ga
JANUARY 2019 — JULY 2022

LINKS

ryheemsportfolio.com   Linkedin

SKILLS

Computer Science	User Interface Design
Node.js	HTML
SQL	C++
Python	JavaScript
Java	Swift
Adobe illustrator	AngularJS
ExpressJS	ReactJS