

Aashish Jayapuram

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EDUCATION

University of South Carolina | Columbia, SC

Anticipated Spring 2026

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

Relevant Courses: Algorithmic Design, Data Structures & Algorithms, Operating Systems, Software Engineering, Applied Linear Algebra, Discrete Structures, Advanced Programming Techniques, and Computer Networks.

PROJECT EXPERIENCE

PulseUp – Fitness Tracking App

Columbia, SC

Android Developer | Kotlin, Jetpack Compose, Hilt, Room, MVVM

January 2025 - May 2025

- Designed and developed a mobile fitness tracker app with user authentication, profile management, and activity tracking. Built UI with Jetpack Compose and implemented MVVM architecture for scalable state management.
- Built UI with **Jetpack Compose**, integrated **Room database** for persistence, and applied **MVVM architecture** with **Hilt DI**.
- Developed dynamic navigation and bottom navigation bar to route between Home, Profile, Settings, and Notifications screens using user context.

LLL(LoveLearningLangs) | Language Learning App

Columbia, SC

Software Engineer

August 2024 - December 2024

- Collaborated with a team of 4 to design and develop a fully functional **JavaFX** Language Learning App.
- Implemented front-end using FXML pages, and a back-end logic in **JAVA**.

Designed a mini-Pong Game | Course Project

Fall 2024

- Created a mini-game in C.
- A two player game, which detects ball collision and keeps track of the score using 7-segment display logic.

TECHNICAL SKILLS

Programming Languages: Java, Python, Javascript, Kotlin, HTML/CSS, MATLAB.

Tech./Frameworks: Windows, Unix/Linux, Git.

LEADERSHIP EXPERIENCE

JROTC Battalion Executive Officer | Cadet Major

Fall 2021 - Spring 2023

- Represented the battalion during JPA (JROTC Program Accreditation) inspection, demonstrating organizational and leadership skills.
- Collaborated with teams to coordinate service-learning projects/ community events, which strengthened problem-solving and team/time management.

HONORS/AWARDS

- Capstone Scholar
 - Salutatorian - Marion High School
 - Recipient of the MOAA (Military Officers Association of America) Scholarship
 - Second Place Winner in the US Department of Defense South Carolina JSHS (Junior Science and Humanities Symposium Research Project) Symposium
- Spring 2023
Spring 2023
Spring 2022