

# GARV MAHESHWARI

☎ 425-394-8379 ✉ [garvmgarv@outlook.com](mailto:garvmgarv@outlook.com) 🔗 <https://linkedin.com/in/garv-maheshwari/>  
📁 [github.com/GarvMaheshwari](https://github.com/GarvMaheshwari)

## EDUCATION

- **University of Washington** **Sept. 2023 - Present**  
*Bachelor's of Science, Intended Computer Science*  
**Courses:** CSE Intro Series (Java), Database Systems, & Data Structures & Algorithms

## SKILLS SUMMARY

- **Languages/Frameworks:** Java (proficient), Dart (experienced), SQL (knowledgeable)
- **Tools:** Git, Flutter, Azure SQLDatabase, NoSQL, Firebase Firestore

## PROJECTS

- **Vaccine Appointment Scheduling System:**
  - Application that stores caregiver schedules, appointments, and vaccine doses; programmed in Java using the builder design pattern and Azure SQL Database in the backend, as part of CSE 414 class. **(Java, Azure SQL Database)**
- **Price Match Product Comparison App:**
  - Full stack web app that provides pricing information about products consumers would like to purchase at popular online retailers; programmed using object-oriented programming concepts in Dart using the Flutter framework, Firebase Auth, and Retail APIs. **(Dart, Flutter, REST APIs, Git)**
  - Client-driven project, where I conducted interviews to design a full-stack web app to meet client needs.
- **Skyline National Honors Society Volunteering App:**
  - A full-stack mobile app that tracks National Honor Society members' volunteer hours; implemented in Dart using object-oriented programming, ADTs, Firebase Firestore NoSQL database, and Firebase Auth. **(Dart, Flutter, NoSQL, Git)**
  - Client-driven project, where I conducted interviews to discuss the problem, design, and core functionality of the mobile app the client desired.

## EXPERIENCE

- **UW Society for Advanced Rocket Propulsion (SARP)** Seattle, WA  
*Avionics Team Member* *November 2023 - Present*
  - Collaborated on the Flight Computer sub-team to replace legacy system with an STM-32 microcontroller and a set of sensors better suited for the team's needs.
  - Worked on power distribution board sub-team to create a power system that can seamlessly switch from ground power to battery backup.
- **UW Design, Build, Fly (DBF)** Seattle, WA  
*Payloads Mission II Project Lead* *Oct 2023 - May 2024*
  - Managed the Payloads Mission II subteam for the 2023-24 AIAA DBF competition, where our team placed **3rd** internationally.
  - Iteratively designed, prototyped, and manufactured fixtures to secure Mission II cargo.
  - Collaborated with Aerodynamics and Fuselage teams to optimize the payload cargo.
- **Microsoft University Shadowship Program** Seattle, WA  
*Program Mentee* *Apr - May 2024*
  - Directly engaged with current Senior Software Engineers to gain insight into the software development process, and understand industry practices.
  - Shadowed a Senior Software Engineer **1:1**, receiving guidance on entering the workplace with knowledge of emerging industry trends.
- **YMCA of Greater Seattle** Sammamish, WA  
*Lifeguard/Diversity Equity and Inclusion (DEI) Committee Member* *June 2022 - Sep 2023*
  - Worked with other lifeguards at the local community YMCA to maintain a safe environment for patrons to enjoy the amenities offered at the facility.
  - DEI committee member for the community YMCA, where I collaborated with others, brainstorming inclusive and accessible events and activities that the community could participate in.