

# GARV MAHESHWARI

☎ 425-394-8379 ✉ [garvmgarv@outlook.com](mailto:garvmgarv@outlook.com) [linkedin.com/in/garv-maheshwari](https://www.linkedin.com/in/garv-maheshwari)  
🌐 [garvmaheshwari.github.io](https://garvmaheshwari.github.io)

## EDUCATION

- **University of Washington** Sept. 2023 - June 2027  
*Bachelor's of Science, Computer Science and Software Engineering*  
**Courses:** Data Structures & Algorithms, Languages & Implementation, Database Systems, Software Engineering Principles, Management Principles, CSE Intro Series (Java),

## SKILLS SUMMARY

- **Languages/Frameworks:** Java, Dart, C++, SQL, C, Flutter
- **Tools:** Git, Azure SQL Database, NoSQL, REST APIs, Firebase Firestore & Auth., Linux

## EXPERIENCE

- **Washington Alliance for Better Schools (WABS)** Shoreline, WA  
*Data Intern* July - Sept. 2025
  - Built scalable volunteer sign-up platform connecting **2700+** students with **320+** industry mentors annually. Reduced schools without volunteers by **67%** within 3 weeks of deployment.
  - Developed JavaScript automation using Google AppsScript to streamline data post-processing workflows and integrated platform with WABS' website, saving **\$500** annually. **(JavaScript)**
  - Independently developed using agile methods, produced comprehensive maintenance documentation and leveraged WABS' existing tools (Firespring, Google Sheets).
- **Expedia Group** Seattle, WA  
*Career Discovery Program Mentee* July - Oct. 2025
  - Mentored by a Technical Program Manager 1:1 to develop understanding of software development engineer roles, explore technical career paths, and build career readiness skills.
- **UW Society for Advanced Rocket Propulsion (SARP)** Seattle, WA  
*Avionics Flight Computer Team Engineer* November 2023 - July 2025
  - Programmed Flexible Memory Controller peripheral driver for STM-32 microcontroller in **C** to interface with external SDRAM 128MB.
  - Collaborated 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 payload cargo.
- **Microsoft Shadowship Program** Seattle, WA  
*Program Mentee* Apr - May 2024
  - Shadowed a Senior Software Engineer 1:1, receiving guidance on entering the workplace with knowledge of software development process and emerging industry trends.

## PROJECTS

- **Vaccine Appointment Scheduling System:**
  - Developed a Java application using Builder Design pattern and Azure SQL Database to manage caregiver schedules, appointments and vaccine doses. **(Java, Azure SQL Database)**
- **Price Match Product Comparison App:**
  - Interviewed a client and designed & developed a full stack web app to their specification, providing price information about products consumers want to purchase at popular online retailers.
  - Programmed in Dart using object-oriented programming concepts, Firebase Auth., and retail APIs. **(Dart, Flutter, REST APIs, Git)**
- **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)**
  - Conducted interviews to discuss the problem, design, and core functionality of the mobile app the client desired.