

# AAYUSH BHATTA

Nashville, TN | aayushbhatta000@gmail.com | (425) 209 6414 | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## Education

Fisk University  
Bachelor of Science in Computer Science  
**GPA: 3.90/4.0**

**Expected Graduation Date: May 2024**

**Relevant Course Work:** Introduction to Computer Science (I&II), Applied Data Structures and Algorithms, Introduction to Computer Architecture, Operating System, Software Development Studio, Calculus I&II, Linear Algebra, Statistics, Machine Learning for Social Science

**Honors:** Fisk Executive Leadership Program 2021-2022, Provost Scholar - Fisk University (Full-Tuition Scholarship), W.E.B Dubois Honors Program (Aug 2020 – Present), Annual and Endowed Scholar 2020.

## Skills

**Languages:** Python, JavaScript, TypeScript, Java, C#, HTML5, CSS3, Bootstrap 5, SQL, Kusto, C  
**Tools & Frameworks:** React JS, Express JS, Flask, Django, Git, MongoDB, Spring Boot, Firebase, Postman, Google Cloud Platform, Figma, React Native

## Experiences

**Fisk University (Nashville, TN)** May 2021 – Present  
*Rosenwald Website Developer*

- Utilized **HTML**, **CSS**, **Bootstrap**, and **JavaScript** to develop the frontend and **Spring Boot & MySQL** to develop the backend and database of Fisk University’s Rosenwald Library to showcase the digitalized images of **5000+** Rosenwald Schools.
- Awarded **\$1.6 Million** from Andrew W. Mellon Foundation to support the digitalization project based on my website’s mockup.

**Skills:** HTML, CSS, JavaScript, Bootstrap, Spring Boot – Java, Figma

**MICROSOFT CORPORATION (Redmond, WA)** May 2022 – Aug 2022  
*Explore Intern - Software Engineering + Program Management*

- Worked as a full stack web developer to create an extensible investigation framework using **React** and **TypeScript** for the frontend and **C#** and **Kusto** for the backend that helps **3000+** engineers to find out the issue for the slowest running query when customer files a ticket.
- Added a tab in the existing data warehouse website under **Azure Synapse team** that helps the engineers to filter the data and show it in the form of bar diagram based on the hash of provided data.
- Came up with an idea of how **Microsoft Azure** can improve on troubleshooting the issues of slowest running query for the better customer experience by comparing it with the **Amazon Redshift**.

**Skills:** React (Typescript), C#, Kusto, Git, Azure Services, Program Management, Public Speaking

**GOOGLE (Mountain View, CA)** Jan 2022 – May 2022  
*Tech Exchange Scholar 2022*

- Selected from a competitive pool of applicants to participate in Google Tech Exchange program – 2022 to explore cutting edge technologies in **Software Engineering**, **Product Management**, and **other careers** with Google engineers.
- Learned and implemented different software development approaches like creating **design docs** and **test-driven development including unit and integration tests**.
- Created two **full stack web applications** working with the team of 3 under the supervision of Google engineers.

**Skills:** HTML, CSS, JavaScript, Flask (Python), MongoDB, Google Cloud Shell, Figma

## Projects

**Travel Buddy – BE Smart Hackathon (American Airlines) Group Project** | [GitHub](#) | – *React Native, Django, SQLite, OpenCV* Oct 2022

- Used **React Native** for frontend and **Django** with **SQLite** for backend to create a **mobile app**, which works as a virtual assistant that empowers travelers to achieve a faster boarding process by eliminating unwanted process through an instructional guide.
- Reduced the problem of overcrowd in the airport area by allowing passengers to **scan** their baggage online by using **OpenCV** and showing them the road map for boarding process based on the number of check-in bags they have.
- Created an award system where passengers will get **15 points** while completing each task in the road map that will eventually make the passengers to join **American Advantage program** as the points can be earned only by the passengers enrolled in that program.

**Safe place finder – Google Tech Exchange Group Project** | [GitHub](#) | – *HTML, CSS, JavaScript, Flask, MongoDB* Jan 2022

- Designed a web app, where users can see if the place where they are moving in is safe to stay or not as the web app allows user to read other people’s experiences at that location.
- Used Google maps API to show the exact location of incident to let the user know about the incident on the location they saved on their profile.

**Personal Assistant – Personal Project** | [GitHub](#) | – *Python* Sept 2021

- Designed a personal assistant where users can send emails, search music on YouTube, search on Google and Wikipedia, listen to the news, and so on with few verbal commands using python libraries like Beautiful Soup, Speech Recognition and PyAutoGUI.

**College Search Guide – Group Project** | [GitHub](#) | – *HTML, CSS, JavaScript* Sept 2020

- Created a website to help international students applying to U.S. universities by providing all the relevant information such as scholarship information, deadlines, required SAT scores, and allows students to reach out to the admission department.
- Used by more than 1500+ students among which 250+ students got accepted into different colleges and 10 of them got full scholarships.

## Leadership and Activities

**Above and Beyond Computer Science Program – Meta** Aug 2022 – Present

- Selected from a competitive pool of applicants to participate in the workshop provided by Facebook engineers, where they teach data structures and algorithms to prepare for the coding interviews and help to build our soft skills.

**University Innovation Fellows Program – Stanford University** Aug 2022- Present

- Selected from a competitive pool of applicants from across the world that helps to empower students to become agents and voice in the global conversation for the change in the future of education.
- Becomes familiar with the innovation and entrepreneurship at my school and develop system thinking skills and learn variety of design approaches.

## Hackathons and Clubs

- BE Smart Hackathon by American Airlines (**Top 5**), Equinix Hackathon (**Winner**), Zillow HBCU Hackathon (**Finalist**), [Google HBCU Coding Challenge \(Winner\)](#), Fisk Computer Science Club, Fisk Rocket Science Team.