

Aisha Singh

703-376-7477 • aishasingh2017@gmail.com • [linkedin.com/in/aisha-singh99/](https://www.linkedin.com/in/aisha-singh99/) • github.com/aisha-singh

Software engineer with 4+ years of experience crafting data-informed tools for public-facing platforms. Skilled in front-end, full-stack, and data workflows, with a strong focus on accessibility and automation. Passionate about bridging technology and journalism to enable storytelling in digital-first newsrooms.

TECHNICAL SKILLS

React, Typescript, C#, Python, Javascript, Java, Data querying (Azure Data Explorer, SQL), Adobe Illustrator, Photoshop

WORK EXPERIENCE

Software engineer / Microsoft Aug 2021 to July 2025

- Developed Calendar AI in Outlook, an LLM-based Copilot agent that automates calendar management. Designed early architecture for automated conflict detection & resolution in scheduling.
- Collaborated across teams to develop + ship TeamROB in Microsoft Places, contributing to Microsoft Teams premium adoptions by 15M+ monthly active users. Owned accessibility compliance. Coded usage data collection and built dashboards tracking adoption and guiding product direction.
- Worked on microsoft365.com, and its desktop app. Built an assistive chat feature enabling users to turn their prompts into actionable commands.
- Owned key improvements to Home & MyContent pages, leading accessibility updates, redesigning personalized recommendation cards with meeting insights, and implementing usage data to track engagement. Developed tagging functionality as a hackathon prototype, later adopted into a full feature as a top user request.
- Founded Humans of T+P, a newsletter within Outlook combining personal interviews with educational content to share different perspectives and spark conversation.

Full-stack engineering intern / The Washington Post May 2020 to Sept 2020

- Developed web tools supporting newsroom workflows for Photo, Audio, and Video teams.
- Coded + deployed a YouTube Live chat integration, allowing article updates to immediately sync with live video chats, expanding audience reach.

Business operations intern / Cybersponse, Inc June 2019 to August 2019

- Edited all blog posts for readability/SEO, coded a connector making API requests for Freshdesk service, wrote and narrated Youtube content for enterprise audiences.

RELEVANT EXPERIENCE

Teaching assistant / UVA Engineering Department January 2020 to May 2020

- Held office hours, mentored students, graded assignments for a Java class of ~100 students.

Operations Manager / The Cavalier Daily January 2019 to January 2020

- Served on the five-member managing board of UVA's independent newspaper with a staff of 450+ students. Directly oversaw photo, video, graphics, translation, website, and social media sections (150+ people)
- Led the paper towards a more digital future by implementing podcasting and oversaw a website redesign – cavalierdaily.com.
- Also served as Graphics editor (January 2018 to January 2019).

EDUCATION

BA, University of Virginia Class of 2021

- BA Computer Science, BA Cognitive Science (Linguistics concentration)
- Relevant coursework: Cybersecurity, Artificial Intelligence, Machine Learning, Cloud Computing, Psycholinguistics