

Aisha Singh

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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

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| Software engineer / Microsoft | Aug 2021 to July 2025 |
| <ul style="list-style-type: none">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. | |

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| Full-stack engineering intern / The Washington Post | May 2020 to Sept 2020 |
| <ul style="list-style-type: none">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. | |

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| Business operations intern / Cybersponse, Inc | June 2019 to August 2019 |
| <ul style="list-style-type: none">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

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| Teaching assistant / UVA Engineering Department | January 2020 to May 2020 |
| <ul style="list-style-type: none">Held office hours, mentored students, graded assignments for a Java class of ~100 students. | |
| Operations Manager / The Cavalier Daily | January 2019 to January 2020 |
| <ul style="list-style-type: none">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

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| BA, University of Virginia | Class of 2021 |
| <ul style="list-style-type: none">BA Computer Science, BA Cognitive Science (Linguistics concentration)Relevant coursework: Cybersecurity, Artificial Intelligence, Machine Learning, Cloud Computing, Psycholinguistics | |