SAAHIB MOHAMMED

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Summary

Aspiring software intern with experience in cybersecurity engineering and computer science teaching assistance. Skilled in setting up web development environments and guiding students in programming concepts. Eager to apply technical skills and problem-solving abilities to contribute to a dynamic development team.

Education

Ohio State University | *Bachelor of Science, Computer Science*   **May 2026**

Ohio State University | *Associate of Science, Computer Science*   **May 2023**

Skills & Certifications

- **Languages:** Python, JavaScript, TypeScript, SQL, Swift, C++
- **Frameworks & Libraries:** Firebase, Next.js, Express.js, TensorFlow, Tailwind CSS
- **Tools & Platforms:** AWS, Google Cloud, Docker, GitHub, CI/CD, Firebase, Figma, Adobe Suite
- **Operating Systems:** Linux, macOS, Windows Server
- **Certifications:** Google Data Analytics, Cybersecurity, plus 26 others in cloud, programming, data

Relevant Projects

NRST Studio - Founder | *NRST Studio*

- launched NRST Studio, a creative agency offering web development, branding, and media production services.
- Built and launched 10+ client sites with Stripe, CMS, and booking systems - contributed to $1K+ MRR.
- Designed and implemented a subscription-based hosting model that retained multiple long-term clients.
- focused on scalable architectures, backend optimization, and API integrations such as using sanity for easy CMS and snyk to check for vulnerabilities.

Signara - AI-Powered ASL Learning Tool | *Signara*

- Created Signara, an AI-based tool that detects and teaches American Sign Language (ASL) using real-time hand tracking.
- Developed a Web app with MediaPipe and TensorFlow.js to allow users to practice and learn ASL interactively.
- Currently, we are working on partnerships and a collaboration to expand the accessibility and reach of the platform.

BumbleBear Coffee - Custom Website & Admin Panel | *BumbleBear Coffee*

- Designed and built a website for a local coffee shop, featuring a custom menu system and an admin panel for scheduling & easy content management.
- Integrated Firebase for seamless back-end management and authentication.
- Developed product roadmaps that improved customer engagement with an interactive and mobile-friendly interface.

OSU Project Grader - Java Code Evaluation Tool | *OSU Project Grader*

- Automated the evaluation of 100+ Java projects using a command-line tool built with Node.js and JDK, improving the grading efficiency by 30%.
- Integrated Google Generative AI for advanced code analysis and streamlined processes for automatic dependency download and testing.

Work Experience

Ohio State University | *Computer Science Teaching Assistant*   **Jan 2024 - May 2024**

- Guided 70+ students in algorithms and programming concepts, leading to improved student performance and understanding
- Provided support for 10+ complex programming and hardware issues weekly.

Apple | *Specialist*   **Sep 2023 - Jan 2024**

- Diagnosed and resolved hardware and software problems on Apple devices, ensuring fast and accurate troubleshooting.
- Assisted customers with network connectivity issues, hardware failures, and data recovery solutions.
- Provided technical support for device maintenance, firmware updates, and system optimizations.

Riverside Education Center | *Assistant Director*   **Jan 2019 - Present**

- Maintained computers in every classroom and managed the building's security system, ensuring reliable IT operations and 99% uptime for a learning center with 40+ students.
- Taught STEM-based classes, increasing student performance by 25% over a 6-month period.
- Facilitated smooth student transitions from home to school environments, fostering personal and academic growth through my mentorship.