

Bindi Patel

Warrenton, VA 20186 | 540-905-3849

Bindi453@gmail.com | <https://bindipatell.github.io/portfolio/>

Education

Virginia Commonwealth University, Richmond, VA

Expected Graduation: May 2026

Bachelor of Science in Computer Science with a concentration in Cybersecurity/Data Science

Programming Languages and Development: Java, Pytjon, C++, JavaScript, SQL

Software Tools: IntelliJ IDEA, Jupyter Notebooks, Visual Studio Code, Git

Web Development: HTML, CSS, and JavaScript, Bootstrap, Node.js

Certifications: Machine Learning with Python(IBM), Intro to Cybersecurity(Cisco Networking Academy)

Projects

Website Design for Local Nonprofit, Dec 2023

- Designed and developed a responsive website for a local nonprofit using HTML, CSS, JavaScript, and Bootstrap framework.
- Implemented SEO best practices including meta tags, alt text, keywords, and site structure to improve Google ranking.
- Created intuitive UI with calls to action to drive donations and volunteer signups.

A.I. Governance VIP (Vertically Integrated Project), Aug 2023 - Present

- Member of a multidisciplinary team, 5 students and 2 professors, investigating AI's societal impact
- Contributing to research, policy analysis, and technology development
- Focus areas: deception detection, international policy, transparency, and public engagement.

Fitness Tracker Mobile App, June 2023 - Present

- Developed an Android fitness tracking app in Kotlin that integrates with Google Fit API and Firebase backend for user authentication and cloud data storage.
- Built relational MySQL database hosted on AWS RDS with normalized schema, indexes, and keys.
- Created UI/UX mocks in Figma and implemented an intuitive interface with data visualization and tracking progress toward fitness goals.

Designed a Relational Database for Highschool Coding Club

- Analyzed data needs and created an ER diagram to model member, event, and competition events.
 - Implemented MySQL database with normalized tables, indexes, keys, and SQL queries.
 - Followed security best practices like password hashing and user access controls.
-

Other Work Experience

Academic Tutor, Self-employed, Remote

Sept 2018 – Nov 2022

- Virtual tutoring for math and language arts students, delivering personalized guidance to improve understanding and academic performance
 - Founded and marketed my tutoring services through social media (Instagram, Facebook), effectively managed scheduling and session planning, ensuring punctuality maximizing the efficient use of tutoring time
 - Adapted teaching methods to suit individual learning styles, resulting in an average 20% improvement in students' grades and 35% comprehension.
-

Leadership and Activities

Society of Women Engineers (SWE), Networking Committee, Fall 2023-Present

AI Club (VCU), member, Fall 2023-Present

African & Asian Engineering Association (VCU), member, Fall 2023-Present

Women in Computer Science (WIC), member, Fall 2023-Present