

Vivek Patel

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Education

Indiana University, Bloomington, IN

May 2026

Bachelor of Science in Computer Science

Specialization: Software Engineering

Minors: Data Science, Informatics, and Math

Direct Admit into Luddy School of Informatics, Computing and Engineering

Experiences

Walmart Associate

June 2021– June 2023

- Utilized technology to streamline order processing and optimize efficiency.
- Collaborated with team members to meet daily pickup targets and exceed customer expectations.

Richmond Community Schools Substitute Teacher

May 2024– Present

- Demonstrated flexibility and adaptability to responding to the needs of different schools and classes.
- Led group activities for up to 20 students, fostering teamwork and collaborative learning.

Projects

Sudoku Solver

December 2023

- Designed and programmed in Java
- Solves a sudoku board of any length using backtracking and trees to maintain data

Discord Dance Bot

Feb 2024 – May 2024

- Designed and programmed using Discord API, JavaScript, SQL, and Node.js.
- Managed a database of over 800 songs, with dance type and tempo available to sort by.

Leadership

Indiana University – All Campus Orchestra Viola Section Leader

January 2023 – May 2023

- Helped plan and coordinate 2 concerts with conductor.
- Lead and managed a group of 6 Viola's for them to be successful in their performing endeavors.

Technical Skills

- **Programming Languages/Frameworks:** Java, HTML, CSS, JavaScript, Node.js, C, C++, .NET, Racket, PHP, React, SQL
- **Software Skills:** Git, Unix/Linux
- **Miscellaneous Skills:** M.S PowerPoint, M.S Word, M.S Excel, M.S Teams, Adobe Photoshop, Computer Building