

EDUCATION

- Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya** Indore, India
Bachelor of Engineering in Computer Engineering; CGPA: 8.39/10 Aug 2019 – May 2023

EXPERIENCE

- workattech** Indore, India
SDE Intern Mar 2022 - Present
 - User Profile Page:** Developed the user profile page used by over 20,000 users with features like problem distribution, rank-card, progress bars, and a heat-map of past submissions.
 - Résumé Generation:** Coded a 3 section résumé generator software.
 - Bookmarks:** Engineered a one click problem bookmarking and filtering system across 3 difficulties.
 - Compensation Comparison:** Overhauled the compensation comparison page to make the database query system more robust which reduced initial load times by 25%.
 - Tools used:** JavaScript, CSS, HTML, MySQL, Express, Node.js, React, Redis, Redux
- EduMeta** Indore, India
Freelance Software Engineer Mar 2021 - Mar 2022
 - School Management System:** Software for managing day-to-day school activities used by over 3000 users. Provides features such as multiple authentication, fee payment, parent-teacher communication, attendance etc.
 - Full-stack Website:** Designed and developed a full-stack website for the school. Supports authentication for franchise owners. Pushed updates to improve performance by 50% over 3 months.
 - Dashboard:** Engineered an Educator and Content-Writer Dashboard for blog writing. Allows for blog posts across 3 different categories. Created a recommendation system based on similar topics and blogs.
 - Admissions:** Automated the admission form validation process to speed up submissions by 35%.
 - Tools used:** Java, Android, JavaScript, CSS, HTML, Express, Node.js, Figma, Firestore

PROJECTS

- Developer Profile Portfolio** Summer, 2022
 - Displays a list of developers in a 2-column format. Allows upto 20 developers per page before paginating.
 - Uses Axios to fetch user data from GitHub and LinkedIn. Supports upto 4 additional links to different portfolios.
 - Tools used:** JavaScript, CSS, HTML, Axios, MongoDB, Mongoose, Express, Node.js, React
- VSCode-WorkAt** Winter, 2021
 - A JavaScript software for solving problems from workat.tech in Visual Studio Code, with support for 3 languages.
 - Tools used:** JavaScript, Axios, Node.js, VSCode API
- Rome Total Realism** Fall, 2021
 - Worked in a team of 8 to develop internal tools and implement mechanics. Programmed a file checker that detects and removes duplicate entries.
 - Contributed heavily towards the development of the project, which is currently being used by over 25,000 people.
 - Tools used:** C++, JavaScript
- Sorting Visualizer** Summer, 2021
 - Visualized 6 algorithms viz. Merge Sort, Bubble Sort, Selection Sort, Quick Sort, Heap Sort, and Insertion Sort.
 - Tools used:** JavaScript, CSS, HTML

PROGRAMMING SKILLS

- Languages:** C, C++, Java, Python, JavaScript, HTML, CSS
- Libraries:** Axios, Ky, Redux, Bootstrap, BS4, Pandas, Numpy, Lodash, Mongoose, Matplotlib
- Frameworks:** Express.js, React.js, Node.js, Discord.py, OpenCV, Android, Streamlit
- Databases:** MySQL, MongoDB, MariaDB, Redis, Firestore
- Tools:** Android Studio, Visual Studio Code, Figma, Firebase, Git, Heroku, Nginx, QT