

# Aditya Prakash

SOFTWARE ENGINEER

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## Skills

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

## Work Experience

### workat.tech

Indore, M.P.

SOFTWARE DEVELOPMENT INTERN

Mar. 2022 - Present

- Developed the user profile page with features like rank-card, progress bars, and a heat-map of submissions done in the last 1 year. Also created difficulty-wise, and topic-wise problem distribution components.
- Implemented Résumé generation, allowing users to add their work, education, and activity history and generate a resume from the same.
- Designed the workflow of username claiming, while also coding the APIs for the same.
- Engineered a one-click bookmarking system to allow easy accessibility of problems.
- Worked in a team of 5 to implement 20+ backend APIs, while actively putting forward ideas and engaging in brain-storming sessions.

### EduMeta EduTech Pvt. Ltd.

Indore, M.P.

ANDROID DEVELOPER

Jun. 2021 - Mar. 2022

- Programmed an Android School Management System app for the institute with over 3,000 users.
- Implemented authentication and features such as homework allotment, attendance registering, and fee payment using Razorpay API.
- Diagnosed issues causing slow speeds and documented the process to making the database query system more robust.

FREELANCE SOFTWARE DEVELOPER

Mar. 2021 - Jun. 2021

- Designed and developed a fully responsive, full-stack website along with a custom mailing service. Improved website performance by 300%.
- Cut down load times to 2 seconds on average and increased user retention by 100%.
- Automated the admission form submission using scripts which led to 35% faster form processing.

## Projects

### VSCode-WorkAt

Indore, M.P.

[WEBSITE](#) | [GITHUB](#) | TOOLS USED: JAVASCRIPT, AXIOS, VSCODE API

Winter 2021

- Created a JavaScript software for solving problems from workat.tech in Visual Studio Code, with support for 3 languages.

### Sorting Visualizer

Indore, M.P.

[WEBSITE](#) | [GITHUB](#) | TOOLS USED: JAVASCRIPT, HTML, CSS

Summer 2021

- Visualized 6 algorithms viz. Merge Sort, Bubble Sort, Selection Sort, Quick Sort, Heap Sort, and Insertion Sort.

### Rome Total Realism

Indore, M.P.

[WEBSITE](#) | TOOLS USED: JAVASCRIPT, C++

Fall 2021

- Worked in a team of 8 to develop internal tools. 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.

## Education

### Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya

Indore, M.P.

BACHELOR OF ENGINEERING, COMPUTER ENGINEERING

2019 - 2023

- CGPA: 8.39/10
- Courses: Object Oriented Programming, Database Management Systems, Computer Networks, Software Engineering, Server Side Programming, Abstraction & Paradigms for Programming, Design and Analysis of Algorithms, Data Warehousing & Mining

## Extracurricular Activity

### Medium

[PROFILE](#) | TECHNICAL BLOGGER

- Written several articles on topics such as full-stack web development, databases, blockchain, and self driving cars etc.
- Received over 50,000 views, and was also featured by Medium Staff.

### Equestrian School

Indore, M.P.

VOLUNTEER

- Created a horse health tracking software while also volunteering to ride and take care of horses.