

Aditya Prakash

SOFTWARE ENGINEER

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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

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 access 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.