Aditya **Prakash**

Software Engineer

☐ (+91) 9407312610 | ✉ prakashadityaap@gmail.com | ⌂ www.adityaprakash.tech | ⌨ AdityaPrakash-26 | in adityaprakash-26

Skills

Languages	C, C++, Java, Python, JavaScript, HTML, CSS, Markdown, LaTeX
Frameworks	Express.js, React.js, Node.js, Axios, OpenCV, Android, BS4, Bootstrap, Git, Firebase, Heroku, Figma
Databases	MySQL, MongoDB, Firestore
Domains	Software Development, Data Structures, Algorithms, Web Scraping, Full Stack Web Development

Work Experience

Rome Total Realism: Imperium Surrectum   *Indore, M.P.*

Software Developer   *Sep. 2021 - Jan. 2022*

- Created internal tools and wrote scripts for implementing new mechanics for the largest mod of Total War: Rome Remastered, with over 10,000 subscribers on the steam workshop.
- Took point in investigating and fixing a critical CTD issue which affected nearly 60% of users.
- Coded in 100+ custom music tracks by interacting with the Engine API.

EduMeta EduTech Pvt. Ltd.   *Indore, M.P.*

Freelance Software Engineer   *Mar. 2021 - Sep. 2021*

- 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.
- Designed and developed a fully responsive, full-stack website along with a custom mailing service. Improved website performance by 300%.
- Also worked on SEO optimization and analytics implementation. Scored a perfect 100 on Google's Lighthouse SEO test.
- Cut down load times to 2 seconds on average and increased user retention by 100%.
- Automated the admission process using scripts which led to 35% less wait times between form submissions.

Projects

Sorting Visualizer   *Indore, M.P.*

Website | GitHub | Tools used: JavaScript, HTML, CSS   *Summer 2021*

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

Lane Line Detection   *Indore, M.P.*

GitHub | Tools used: Python, OpenCV, Numpy   *Summer 2021*

- Programmed a Python software that detects lane lines on a road from an MP4 video with 85% accuracy

Honors & Awards

2021	**4-Star Programmer**, CodeChef	*Indore, M.P.*
2017	**Merit-based Scholarship**, The Shishukunj International School	*Indore, M.P.*
2015	**Champion**, 20th UCMAS International Abacus Championship	*New Delhi, India*
2015	**High Distinction Plaque**, Australian National Chemistry Quiz	*Indore, M.P.*

Education

Institute of Engineering & Technology, Devi Ahilya Vishwavidyalaya   *Indore, M.P.*

Bachelor of Engineering, Computer Engineering   *2019 - 2023*

- CGPA: 8.28/10
- Courses: Object Oriented Programming, Database Management Systems, Computer Networks, Software Engineering, Server Side Programming, Abstraction & Paradigms for Programming

Extracurricular Activity

Medium   *Indore, M.P.*

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

- Volunteered to ride and take care of horses at the local equestrian school. Attended a special workshop on dressage and show jumping.