Aarush Pal

Software Engineer

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Motivated software engineer backed by a solid foundation in mathematics, logic and coding with exceptional listening skills and a strong record of collaboration and leadership.

EDUCATION

Manipal Institute of Technology, *BTech in Computer Science & Engineering (Minor: Digital Marketing)* 2020—2024
CGPA: 8.05
Coursework: Computer Networks, Database management, Distributed Systems, Web Development, Operating System, Software Engineering, Data structures and Algorithms, Cloud Computing

K. L. International School, *Class XII Aggregate: 95.4%* 2018-2020
St. Mary's Academy, *Class X Aggregate: 96.2%*

WORK EXPERIENCE

Software Developer Intern at Deeptek Medical Imaging Feb 2024 - July 2024
https://www.deeptek.ai Pune, Maharashtra
- Developed and integrated thumbnail generation service, **reducing image load times by 80%** and significantly improving platform performance.
- Integrated URL shortening service using third-party APIs to streamline client needs and improve link management.
- Implemented scheduled background cron jobs for efficient memory management and system optimization.
- Resolved various bugs across the platform, improving stability and user experience.

Frontend Intern at Gof Academy Dec 2023 – Jan 2024
https://www.gofacademy.in/
- Designed and developed a responsive frontend interface using React, incorporating best practices to ensure compatibility across various screen sizes and devices, enhancing user experience and accessibility.
- The platform can efficiently handle daily traffic of several hundred users. The site is currently live and performing robustly

Tax Technology Intern at Deloitte USI June 2023 — July 2023
https://www2.deloitte.com/ui/en.html Hyderabad, Telangana
- Successfully automated testing procedures for user workflow in Sanity Testing, resulting in enhanced productivity and improved accuracy in the client application.
- Implemented changes resulting in reduction in error rates, faster delivery times and a **40% decrease in testing time, resulting in saving up to 8 man-hours per testing cycle**; directly improving business value and enhancing customer experience

TECHNICAL PROJECTS

AutoZone - Car dealership Website April 2023
HTML, CSS, JavaScript, PostgreSQL, Django
- Built a Car dealership website using Django Best Practices including Django Admin customization, Django Pagination, Django messages and User Authentication
- Incorporated various features like searching and filter by name, model, price or location, generate enquiry for a particular car, and enquiring via email.
  Link: AutoZone Website

SKILLS

Language	C/C++, Java, JavaScript, Python
Frontend	HTML, CSS, JavaScript
Backend	Nodejs, JavaScript
Framework	React, Spring Boot, Express
Database	MongoDB, SQL
Technologies/Platforms	Selenium, Docker, Kubernetes

ACHIEVEMENTS

- General Secretary at **International Organization of Software Developers (IOSD), Manipal Chapter** 2022-2023
- Qualified for Semi Final Round of IBM Reimagine Hackathon with 2 submissions
- Solved 400+ questions on Leetcode