Maulik Tyagi

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EDUCATION

Guru Gobind Singh Indraprastha University   New Delhi, India
Bachelor of Technology in Computer Science and Engineering , Minor in AI and ML   *Dec. 2021 – Present*

TECHNICAL SKILLS

Languages: C, C++, Java, Python, HTML, CSS, JavaScript, TypeScript, SQL
Frameworks/Libraries: Bootstrap, jQuery, ReactJS, ExpressJS, NextJS, Mongoose, NestJS
Technologies: NodeJS, Unix C L, Git, Postman, Firebase, EJS, REST APIs, OAuth, JWT, Alchemy
Databases: MongoDB, MySQL, Redis, PostgreSQL

EXPERIENCE

Full Stack Web Intern   April 2024 – July 2024
Cargo Matters   *Gurugram, Haryana*

- Developed the web app using HTML, CSS, JavaScript, ReactJS, NodeJS and ExpressJS.
- Enhanced UI/UX design and system design to improve UI/UX score by 11%.
- Integrated various APIs for data integration and axios for retrieving data, making it faster by 8%.
- Implemented SQL and MongoDB for databases, improving space utilization and query efficiency, accelerating data retrieval by 8%.

Frontend Intern   April 2023 – October 2023
Cargo Matters   *Gurugram, Haryana*

- Designed and optimized responsive web interfaces using HTML, CSS, and JavaScript, contributing to a 20% increase in web traffic.
- Led code reviews and provided feedback, improving code readability and maintainability by 50%.
- Overhauled website maintenance and scalability to enhance robustness and design effectiveness, achieving a 6% improvement
- Applied idiomatic JavaScript and leveraged ReactJS for scalability, boosting website performance by 10%.

Technical Lead   December 2022 – December 2024
Prakriti MSIT   *MSIT, New Delhi*

- Created wireframes and designed UI/UX templates to establish a cohesive design structure.
- Collaborated with team members to finalize and achieve project milestones ahead of deadlines, adjusting for changes as needed.
- Developed features using React.js, Next.js, TypeScript, JavaScript, Tailwind CSS and Appwrite.
- Utilized Git and GitHub for efficient version control and team collaboration.

PROJECTS

ENVA 2024 | *JavaScript, ReactJS, NextJS, TypeScript, Appwrite*   December 2023 – January 2024

- Developed the official website for ENVA 2024, the college festival, showcasing event details and schedules.
- Led a team of 8 members, managing tasks and ensuring seamless coordination to meet project deadlines.
- Implemented the frontend using Next.js, ReactJS, Tailwind CSS, and CSS for a responsive and modern design
- Applied TypeScript for type safety and built the backend with Node.js and Express.js for efficient server-side functionality.
- Integrated Appwrite API for robust and scalable backend database management.

Telehealth | *JavaScript, Firebase, ReactJS, RESTful API, ExpressJS*   August 2024 – August 2024

- Developed a full-stack telehealth app designed for scalability and continuous improvement.
- Built the frontend using Vite, JavaScript, SWC, and ReactJS for efficient transpiling and enhanced performance.
- Integrated APIs like TomTom Maps for locating nearby doctors and displaying information, and Priaid API for symptom analysis and diagnosis.
- Implemented a robust backend with Node.js, Express.js, CORS, and Axios for seamless data handling and communication.
- Configured Firebase and Firestore for secure user authentication and efficient database management.