

Avinesh

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SKILLS

Programming Languages: HTML, CSS, JavaScript, SQL, C/C++, Python

Libraries and Frameworks: Pandas, NumPy, OpenCV, React.js, Node.js, Express.js

Tools: Canva, Figma, Power BI, AutoCAD, Git, Google Colab and Jenkins

Database: MySQL, MongoDB

WORK EXPERIENCE

Frontend Developer Intern

April 2024 – August 2024

Center for Development of Telematics

- Implemented various components in user interfaces using **React.js**, leading to a **25% increase** in user engagement through enhanced features like real-time data line graphs.
- Optimized frontend performance, achieving a **30% reduction** in load times through code splitting and performance optimization techniques.
- Designed and implemented a user authentication system that improved security and led to a **50% decrease** in unauthorized access attempts on the frontend.
- Collaborated with the development team to enhance UI components, resulting in a **40% reduction** in user-reported bugs related to the interface.
- Created comprehensive user documentation for the frontend application, streamlining onboarding and reducing new developer ramp-up time by **20%**.

Software Testing Intern

May 2022 – July 2022

Benciti Technology Pvt. Ltd.

- Identified and resolved 30+ bugs during testing, leading to a **20% improvement** in overall app stability and user experience.
- Used ADB to streamline debugging, cutting **issue resolution time by 15%**.
- Conducted testing, reducing **user-reported issues by 25%** during beta phase.
- Collaborated with senior developers to ensure **80% test coverage** for all app features, contributing to higher quality and reliability of the final product.

EDUCATION

B-Tech, CGPA: 8.04

October 2020 – July 2024

BML Munjal University - Kapriwas, Haryana, India

HSC, Percentage: 83.4%

February 2018 – March 2019

Euro International School - Gurugram, Haryana, India

PROJECTS

Automated Vehicle Entry System

August 2023 – December 2023

(HTML, CSS, JavaScript, Python, Flask, IOT, ML)

- Built a GUI for automating vehicle entry system, achieving a **40% reduction** in processing time.
- Integrated License Plate Recognition (LPR) with YOLOv5, attaining **95% accuracy** and reducing user-reported issues by **25% through real-time data processing**.
- Created a user-friendly frontend interface, elevating user satisfaction by **20%** through streamlined data entry.
- Leveraged **Raspberry Pi** for data acquisition, managing **300-500 vehicle entries/exits** daily with low latency.
- Established a **MySQL database** for centralized data storage, cutting paper usage by **over 8,000 pages annually**.

Mern-Health-Furnish

August 2024 – Present

(React.js, Node.js, Express.js, MongoDB)

- Developing a responsive application to showcase hospital ward furniture, aiming for a **30% increase** in user engagement.
- Establishing and implementing a user inquiry system that allows customers to submit questions about specific products, targeting a **25% increase** in lead generation through enhanced communication.
- Utilizing MongoDB for efficient data management, with an expected capacity to handle **100+ product** inquiries monthly
- Creating RESTful APIs for seamless frontend-backend communication, projected to reduce response **time by 40%**.