Aryan Srivastav

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Skills

Programming Languages: JavaScript, Python, SQL
Frameworks: Node.js, Express.js, React.js, Bootstrap, Tailwind
Database Management: MongoDB, MySQL

Version Control: Git, GitHub
Microsoft Suite: MS PowerPoint, MS Word, MS Excel
Other Tools: Postman, 11ty, Liquid, Decap CMS, Netlify

Experience

Windsor&Souza Pvt. Ltd. — Bangalore, India
Web Developer — September 2024 – Present

- Contributed to the development and optimisation of an e-commerce web application using 11ty and Liquid, integrated with Decap CMS and Netlify for client projects, and tested different API endpoints to get user and product data using Postman.
- Utilize Node.js and Express.js to implement server-side functionalities, ensuring smooth backend operations for web applications.

National Institute of Electronics and Information Technology (NIELIT) — Gorakhpur, India
Web Development Intern — March 2024 – August 2024

- Developed and optimized machine-learning models for a drowsiness detection and alarming system, aimed at improving driver safety by identifying signs of driver fatigue in real-time.
- Worked on the integration of computer vision and machine learning technologies to automate the detection of drowsiness and trigger timely alerts, using data-driven insights to refine system performance and reliability.
- Mentored candidates on placement preparation and offering guidance on interviews, led web development labs and classes, teaching modern web technologies.

Education

Buddha Institute of Technology — Gorakhpur, India
Bachelor of Technology in Information Technology — 2020 – 2024

Projects

- **Online Food Ordering and Delivery Web Application**

  The project uses the MERN stack technology (MongoDB, Express.js, React, and Node.js) to run. It streamlines the ordering process with an intuitive interface for users to browse menus, place orders, and track deliveries in real time. The application features secure user authentication, payment gateway integration, and a responsive design to ensure a seamless experience across devices.

- **Weather Application Portal**

  The weather web app integrates the 'Weather by API-Ninjas' API to provide real-time weather forecasts directly on the website. Users can access up-to-date weather information, including temperature, humidity, and wind speed, all presented in an intuitive and simple user-friendly interface.

- **Drowsiness Detection and Alarming System**

  The drowsiness detection and alarming system is an innovative project leveraging Python and machine learning to combat the critical issue of driver fatigue. The system employs real-time eye-tracking algorithms to monitor blink patterns and detect signs of drowsiness, activating an alert to enhance driver safety.

- **Android News Application**

  The Android news app quickly fetches the latest updates and organizes them into categories like politics, tech, and sports. By using machine learning, it personalizes news feeds based on user interests, ensuring that users receive content tailored to their preferences.

Awards and Certificates

- Twice runner-up for technical projects in institutional level science exhibition programmes.
- Published a review paper in the International Journal of Research Publication and Reviews (IJRPR) journal for a Review on the Implementation and Working of Smart Homes using Internet of Things and its Impact on Modern World.
- Certified Android development trainee by ShapeMySkills Pvt. Ltd.