Yashvanth S K

Full Stack Developer(MERN)

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TECHNICAL SKILLS

Front-End Technologies	: HTML5, CSS3, JavaScript, React.js, Tailwind CSS, Material-UI
Back-End Technologies	: Node.js, Express.js
Databases	: MongoDB, SQL, My SQL
Full-Stack Development	: RESTful APIs, Authentication & Authorization, Middleware
UI Development	: Responsive Design, UI/UX Best Practices
Tools & Platforms	: Git, Visual Studio Code, Postman, Thunder Client, npm/yarn

EXPERIENCE

Junior Full Stack Developer(MERN), Excerpt Technologies Pvt Ltd, Bengaluru,India **Feb 2025 - Present**

- Developed and maintained scalable web applications using **MongoDB, Express.js, React.js, and Node.js**.
- Implemented **RESTful APIs** and integrated front-end components with back-end services.
- Designed and optimized **MongoDB schemas** for efficient data storage and retrieval.
- Ensured **responsive design** and cross-browser compatibility for a seamless user experience.
- Implemented **authentication and authorization** using JWT, bcrypt, and OAuth.

Data Analyst Intern, Cranes Varsity Private Limited, Bengaluru, India **Oct 2023 - Dec 2023**

- I streamlined data collection processes, resulting in a 15% increase in data accuracy.
- I developed and automated weekly performance reports, reducing report generation time by 30%.
- Conducted data cleaning, preprocessing, and analysis using tools such as Python, SQL, and Excel.
- Documented findings, created detailed reports, and communicated insights effectively to both technical and non-technical audiences.

PROJECTS

Athena AI chatbot Application, Link **Nov 2024 - Dec 2024**

- Designed and developed an interactive Athena chatbot with user authentication features, including registration, login, OTP-based password recovery, and email integration.
- Integrated the Google API (Gemini) to enable the chatbot to generate and answer user queries accurately.
- Developed a responsive frontend using React and Tailwind CSS, ensuring seamless user experience across devices.
- Successfully implemented a robust backend using Node.js, Express.js, and MongoDB, achieving efficient data handling and system integration.

Node.js User Auth and Notes Management System, Link **Jul 2024 - Aug 2024**

- Designed and implemented user authentication and registration functionality using Node.js and Express.js.
- Developed CRUD operations for managing user-generated notes with seamless data flow.
- Utilized MongoDB for database storage and JWT for secure user session handling.
- Focused on creating a responsive and user-friendly interface for better user experience.
- Ensured data integrity and scalability by following best practices in backend development.

Smart Healthcare Image Forgery Detection, Link **Jan 2024 - Apr 2024**

- Designed and implemented a system to detect forgery in patient chest X-ray images using Convolutional Neural Networks (CNN) and Error Level Analysis (ELA) models.
- Integrated the detection model into a web application using Flask, with a user-friendly interface developed with Bootstrap, HTML, and CSS.
- Trained deep learning models on datasets of chest X-rays to distinguish between original and forged images, improving detection accuracy.

EDUCATION

Pes Institute of Technology and Management , Shimogga, India - *MCA, Computer Applications - GPA: 8.8* **Feb 2022 - Oct 2024**

CERTIFICATIONS

Mern Stack Developer, Pentagon Space **Jan 2025**

Introduction to Operating System, NPTEL **Jul 2023**