BLESSON K.B

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- SUMMARY -

Bachelor of Computer Applications (BCA) graduate with a strong foundation in full-stack web development, machine learning, and database management. Currently specializing in MERN stack development (MongoDB, Express.js, React.js, Node.js) with hands-on experience in building scalable and user-friendly web applications. Previously developed multiple academic projects using Python Django, PHP, and MySQL, showcasing adaptability across diverse technologies. Passionate about leveraging modern frameworks to create innovative solutions for real-world challenges. Strong analytical and problem-solving skills combined with effective teamwork and communication abilities.

- PROJECTS -

Cardiac Disease Prediction System (Final Year Project) – 11/2024 - Present

• Developed a web-based application using Python Django for cardiovascular disease prediction.

• Implemented machine learning models (Decision Tree) achieving 78% accuracy.

• Created an interactive UI allowing users to input medical and lifestyle parameters for CVD risk assessment.

• Optimized model performance using dimensionality reduction techniques for faster processing.

DOCONROAD– Onroad Breakdown Assistance Finder (Mini Project) – 06/2024 - 10/2024

• Developed a PHP-based web application for real-time vehicle breakdown assistance.

• Integrated location-based tracking and user authentication for secure service access.

• Designed an intuitive front-end using HTML, CSS, JavaScript for seamless user interaction.

- EDUCATION -

• MERN stack development, Smec Technologies(2025-2025)

• BCA (Bachelor Of Computer Application), Chinmaya College of Arts, Commerce and Science, Thripunithura (2022 - 2025)

• Higher Secondary (XI - XII), SDPY Palluruthy (2020 - 2022)

• Secondary School (I - X), St. Xaviers Public School, Kandakadavu (2010 - 2020)

- TECHNICAL SKILLS -

• Programming Languages: C, C++,Node Js, JavaScript, PHP,Python

• Frameworks: Express, React

• Web Technologies: HTML, CSS, Bootstrap

• Databases: MySQL, Mongo DB

• Software Development: Full-Stack Development

• Tools: VS Code, WAMP, ChatGPT, GitHub-copilot, Docker, Git, Figma

• Soft Skills: Problem Solving, Logical Thinking, Time Management

- CERTIFICATIONS -

• Certified Ethical Associate

• Certificate for 1-Day Flutter Development Workshop

• Certificate for course completion in "Getting started with docker"

• Certification for Cyber Security Analyst

• Certification for "Getting Started with AWS Services: Fundamentals for Beginners"from Simple Learn

• Certification for "Prompt Engineering for Developers" course offered by DeepLearning.AI