Lakshmi Deepak Kambati

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PROFESSIONAL SUMMARY

I'm an Electronics and Communication Engineering student with a passion for Frontend Development using React.js and JavaScript, as well as Python. I love building user-friendly applications that are both scalable and impactful. I'm also curious about the world of AI/ML and eager to learn more. I'm looking for a role where I can put my technical skills and problem-solving abilities to good use while growing as a developer.

EDUCATION

Kalasalingam Academy of Research and Education
Bachelor of Technology in Electronics and Communication Engineering, **CGPA: 8.19**   **2021 – 2025**

TECHNICAL SKILLS

Frontend: HTML, CSS, Bootstrap, React.js, Tailwind CSS.
Databases: SQLite
Programming Languages: Python, JavaScript.

PROJECTS

NxtMart– An E-commerce Application: Developed a functional e-commerce platform with product browsing, cart updates via local storage, and responsive design. Features include horizontal scroll, JWT-based authentication, dynamic routing, and protected routes.
Technologies Used: React.js, HTML, CSS, JavaScript, REST APIs

NxtWatch – A YouTube Alternative: Developed a video streaming app with login, category browsing (Trending, Gaming), video search, details view, and theme toggle. Built responsive pages using React.js, dynamic routing with React Router, and secure JWT authentication. Integrated REST APIs for login and video data to ensure seamless user experience.
Technologies Used: React.js, JavaScript, Bootstrap, CSS, React Router, Rest APIs, JWT Authentication.

Jobby App – A Job Search Platform: Developed a job search platform with user login, job browsing, and detailed views. Built responsive pages (Login, Home, Jobs, Job Details) using React, form inputs, and event handlers. Secured authentication with JWT tokens, persisted state in local storage, and used React Router for dynamic routing and protected routes.
Technologies used: React.js, JavaScript, Bootstrap, CSS, React Router, Rest APIs, JWT Authentication.

Real-Time Traffic Load Prediction in Cellular Networks Using Cutting-Edge Machine Learning Approaches – Capstone Project: Developed a framework for real-time traffic load prediction in cellular networks using advanced machine learning techniques. Focused on data reduction and model efficiency to ensure accurate predictions and scalability, enhancing network performance and optimizing resource allocation.
Technologies Used: Machine Learning Models.

CERTIFICATIONS

1) Building and Deploying Application on AWS using EC2, RDS, Route 53, S3 and CloudFront by NxtWave.
2) Building a Dashboard using Power BI, Kaggle and Excel by Nxtwave.