ABHIRAM KUMAR

FULL-STACK DEVELOPER | REACT.JS | NODE.JS | MERN

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SUMMARY

Results-driven React.js / MERN Stack Developer with hands-on experience in building scalable, responsive web applications. Proficient in modern frontend frameworks (React.js, Tailwind CSS) and backend technologies (Node.js, Express.js, MongoDB). Adept at implementing RESTful APIs, JWT authentication, and optimizing performance across the full stack.

TECHNICAL SKILLS

- **Programming Languages:** C++, Java (Core), Python
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Tailwind CSS, Bootstrap, Node.js, Express.js
- **Database Systems:** MongoDB, SQL, Oracle Database
- **Developer Tools:** Git, GitHub, Visual Studio Code (VS Code)

WORK EXPERIENCE

MERN Stack Intern   **Dec 2024 – April 2025**
GeeksforGeeks   Noida

- Built and deployed full-stack applications using MongoDB, Express.js, React.js, and Node.js (MERN).
- Implemented **JWT-based authentication**, route protection, and session management for robust security.
- Optimized frontend performance using **React.js and Hooks**, improving initial load time by 40% and ensuring seamless responsiveness across devices.
- Refactored React components and used Hooks, reducing code duplication by 35% and improving maintainability.
- Integrated **RESTful APIs** with frontend components to enable seamless client-server communication and **real-time data rendering.**
- Collaborated on code reviews and followed best practices in JavaScript ES6+, React Hooks, and backend services.

PROJECTS

Driver Drowsiness Detection   **Nov. 2023**

TechStack: Python, OpenCV, NumPy, Pygame

- Designed and trained a **CNN model** with 90% accuracy for real-time driver drowsiness detection.
- Leveraged deep learning techniques with Keras, improving alert response precision by 15%.
- Used OpenCV for face and eye tracking; reduced false positives by 30% using Haar Cascades.
- Deployed deep learning model using Keras to detect drowsiness and alert drivers in real time.

DevConnect – GitHub Developer Explorer   **April 2025**

TechStack: React.js , Vite ,Tailwind CSS , Axios, GitHub API, Vercel

- Integrated **light/dark mode toggle** using Tailwind's dark variant to enhance user experience and accessibility.
- Created a dynamic frontend app integrating GitHub API to display developer profiles with search, sort, pagination.
- Added **pagination logic** to efficiently display user records without overloading the UI or API requests.
- Utilized **Axios** for API communication and managed component states with React Hooks.
- Released the application on **Vercel** using automated CI/CD pipelines integrated with GitHub.

EDUCATION

Master of Computer Application (MCA)   **CGPA – 8.21**
Graphic Era Hill University, Dehradun   Sept. 2022- June 2024
Bachelor of Computer Application (BCA)   **Percentage – 68%**
Arcade Business College, Patna   Aug. 2019 – July 2022

CERTIFICATIONS

- **MERN Full-Stack Developer** – GeeksforGeeks *(Dec 2024 – Apr 2025)*
- **Python for Beginners** – SkillUP by Simplilearn *(Jan 2023)*
- **Tech Wizards 2.0 – Mega IT Quiz** – Graphic Era Hill University *(Dec 2022)*