AKASH VERMA

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LinkedIn - **Profile**
LeetCode -**Profile**
GitHub - **Profile**
HackerRank – **Profile**

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University, Lucknow
B.Tech – Electrical Engineering | 2019-2023 | Percentage: 75.2 %
Brilliant Public Senior Secondary School, Aligarh
12th | CBSE | 2017-2018 | Percentage: 69.4 %
Brilliant Public Senior Secondary School, Aligarh
10th | CBSE | 2015-2016 | CGPA: 8.6/10.00

KEY EXPERTISE / SKILLS

Proficient	**:** C++	Object Oriented Programming
Familiar	**:** Java	C	SQL	DBMS	Data Structures & Algorithm
Web Tech.	**:** HTML	CSS	JavaScript	Node.js	Express.js	React.js	MongoDB	REST API
Soft Skills	**:** Communication {Hindi & English}	Problem Solving	Team Work	Time Management

WORK EXPERIENCE

PRESENCE LEARNING | Web Developer Intern | **Oct 2022 – Dec 2022** | 🔗

- Design frontend for Mentor Series website using HTML, CSS, and Java Script.
- Cooperate with backend developer to create clean simple website.

PROJECTS

Taskify App | Solo Project | 🔗

Key Skills: React.js, Redux, Node.js , Express.js, MongoDB, JavaScript.

- Taskify is a dynamic task tracker application developed using the MERN stack.
- Users can effortlessly add and remove tasks, providing a streamlined solution for organizing and managing their to-do lists.
- Application combines the power of React.js for an interactive frontend, Node.js and Express.js for a robust backend, and MongoDB for scalable and flexible data storage. →

Gate Access Control using Mask Detection | Group Project | [Video link] ▶ | 🔗
Key Skills: Python, Open CV, Knowledge of Raspberry Pi.

- Trained model on *5K+ positive* & *7K+ negative* images, achieving a 74% efficiency in mask detection.
- Raspberry Pi (4 Model B) is used for processing & controlling the access of the gate along with relay.
- The gate opens if face masks are detected; otherwise, it remains closed.

Student Registration System | Solo Project | 🔗
Key skills: HTML, CSS, JavaScript, API, DOM

- Developed a dynamic student registration application. And enabled local storage for persistent data.
- Implemented robust field validation, preventing users from adding empty fields and enhancing the overall reliability and integrity of the registration system. Also added scrollbar dynamically to increase the user experience.

ACHIEVEMENTS

- Solved 400+ problems on Programming sites like LeetCode, Hacker Rank , and GFG.
- Got 3rd position in the Maze solver challenge in College Tech Fest.
- Gold badge in C++ on Hacker Rank.

CERTIFICATION

- Full Stack (MERN Stack) | From: UDEMY | 🔗
- Core Java | From: INTERNSHALA | 🔗
- C++ Programming | From: UDEMY | 🔗
- AI for Everyone | From: COURSERA | 🔗