AAKASH VERMA

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Education

BCA

- o Greater Noida Institute of Management
- o Graduated: 2024
- o Percentage**: 75%**

12th

- o National Institute of Open Schooling (NIOS)
- o Board: NIOS
- o Passed: 2018
- o Percentage**: 50%**

10th

- o Delhi International Sec School
- o Board: CBSE
- o Passed: 2015
- o Percentage: **72%**

Skills

HTML

- o Created SEO-optimized and accessible HTML5 structures, enhancing site visibility and user experience.
- o Implemented ARIA roles and semantic elements to ensure web accessibility compliance.

CSS

- o Designed and developed responsive layouts using CSS Grid and Flexbox for optimized user interfaces.
- o Applied advanced CSS techniques like custom properties and animations to enhance visual appeal.

JavaScript

- o Built interactive web applications with modern JavaScript frameworks (React.js/Vue.js) for dynamic content.
- o Optimized front-end performance with asynchronous programming (Promises, Async/Await) and lazy loading.

React.js

- o A JavaScript library for building user interfaces with reusable components.
- o Utilizes a virtual DOM for efficient updates and rendering.

Express.js

- o A flexible Node.js framework for building web applications and APIs.
- o Offers robust routing and middleware support for managing requests.

MongoDB

- o Designed and managed scalable NoSQL databases with MongoDB, utilizing its flexible schema and JSON-like document model.
- o Implemented efficient data queries and indexing to optimize performance and handle large volumes of data.

C / C++

- o utilizing C for system-level programming and low-level memory management.
- o Extended C with C++ features to create object-oriented solutions, leveraging encapsulation, inheritance, and polymorphism.

Shell Scripting

- o Automated complex system administration tasks with Bash scripts, reducing manual intervention and error rates by 70%.

Projects

Amazon Clone

- o Features: user authentication, product listing, cartmanagement

Calculator

- o Modes: Simple/scientific
- o Features: real-time calculations

Registration Form

- o Implemented **regex** for input validation to ensuredata accuracy
- o **Controlled form submission** and error handlingusing JavaScript
- o **Mongodb database connected.**

International phonenumber

- o built a web app with HTML, CSS, and 80% JavaScript to **generate random phone numbersfor 195 countries.**
- o **used JavaScript to fetch and display country flags**
  and dialing codes via a static API.
- o **Mongodb database connected.**

Android Apps Controller

- o **launching android apps and music** from the terminal.
- o **Developed in bashscript ,a Cli based app** implemented features to list and select installedapps and with deffrent options