MOKSHITH P B

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Education

Vivekananda College of Engineering and Technology, India   **2022 - 2026**
- Bachelor of Engineering (B.E) in Computer Science | CGPA: **8.09/10**   (expected)

Ambika Padavi Poorva Vidyalaya, India   **2020 - 2022**
- *DPUE (PUC), Percentage: 95%*

Gajaanana English Medium School, India   **2019 - 2020**
- *KSEEB (SSLC), Percentage: 88%*

Skills

C | C++ | Java | Python | JavaScript | GSAP | React | Google Cloud Platform (GCP) | MySQL | Kotlin | Firebase | Git & GitHub

Projects

Interactive Algorithm Visualizing Web App   **Dec'24**

Developed an interactive web application to visually demonstrate key data structures and algorithms, including sorting, searching, shortest path, and minimum spanning tree techniques. Built using HTML, CSS, JavaScript, and GSAP for animations, enabling users to customize inputs and control execution speed.

- **Dynamic algorithm visualization** with step-by-step execution for better understanding.
- **User-controlled customization** for input data and speed adjustments to enhance interactivity.

Smart Recipe Finder   **May'25**

*Designed and developed a **React-based recipe finder** that allows users to search for recipes based on ingredients, dietary preferences, and cooking time. Integrated third-party APIs to fetch real-time recipe data and implemented dynamic filtering for personalized meal recommendations.*

- **Interactive search functionality** with intelligent filtering based on user preferences.
- **Seamless UI experience** powered by React's state management for real-time updates.

Academic and Extracurricular Achievements

- **Code Hunter Codathon – IEEE VCET Branch**
  Achieved 1st place in a competitive college-level coding contest with over 100 participants, showcasing exceptional problem-solving abilities and programming expertise under high-pressure conditions.