SUMITH B H

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Education

MVJ College of Engineering **Dec. 2021 - Present**
Bachelor of Engineering in Computer Science | CGPA: 9.4 *Bengaluru, Karnataka*

St. Joseph's Pre-University College Bangalore **Jul. 2019 - Jun. 2021**
Higher Secondary Certificate | Percentage: 96% *Bengaluru, Karnataka*

Projects

GDSC MVJCE Website | *Next.js, Node.js, MySQL, Strapi* **Github**
- Built the entire backend infrastructure of the website using Node.js and Strapi, a robust content management system.
- Implemented complex backend functionalities and ensured seamless integration with the frontend, utilizing technologies like MySQL, PlanetScale, and SQLite for efficient data management.
- Actively collaborated with the frontend team, providing seamless integration between the backend and frontend technologies.
- Successfully migrated the backend from Next.js and MySQL with PlanetScale to Strapi with SQLite, showcasing your adaptability and problem-solving skills.

Contact Manager | *Vue.js, Node.js, Express.js, MongoDB* **Github**
- Developed a RESTful API using Node.js and Express.js to handle CRUD operations for managing contacts effectively.
- Designed an efficient database schema and integrated MongoDB to store contact persistently.
- Implemented secure user authentication using JSON Web Tokens (JWT), enhancing the API's security by ensuring that only authorized users can access protected endpoints.
- Implemented robust error handling to provide meaningful error messages and status codes in case of invalid requests, server errors, or other exceptional scenarios, enhancing the API's usability and user experience.

NoteStack | *Vue.js, Node.js, Express.js, MongoDB* **Github**
- Developed a robust and secure RESTful API using Node.js and Express.js, ensuring efficient handling of HTTP requests for creating, reading, updating, and deleting notes.
- Integrated MongoDB, a NoSQL database, for persistent storage, enabling seamless data retrieval and manipulation operations for the note.
- Created a dynamic and responsive user interface using Vue.js, implemented real-time data binding and updates, allowing users to view, edit, and delete notes in real-time without the need for page refresh, enhancing the user experience.

DALL-E Clone | *React, Node.js, Express.js, MongoDB, TailwindCSS* **Github**
- Developed a DALL-E clone application that enables users to generate unique AI images from prompts using the DALL-E API, showcasing API integration skills.
- Implemented a full-stack solution using MongoDB for database management, React for the dynamic user interface, and Node.js with Express.js for backend server logic, demonstrating expertise in end-to-end application development.
- Integrated Cloudinary, a cloud-based image and video management service, enabling users to upload generated AI images to the cloud, showcasing cloud service integration skills.

Technical Skills

Languages: Python, Java, C, Golang
Web Technologies: HTML, CSS, JavaScript, TypeScript
Databases: MySQL, MongoDB, Firebase, PostgreSQL, Redis
Libraries/Frameworks: React, Node.js, Express.js, Prisma, MikroOrm, Mongoose, Next Auth, Vue.js
Developer Tools: VS Code, Git, GitHub, Postman, Figma, Docker

Extracurricular

Tech Team Member at Google DSC MVJCE **Jul 2023 – Present**
Tech Team Member *MVJ College of Engineering*
- Became an active member of the Google Developer Student Clubs (DSC) initiative, fostering a passion for technology and community engagement.
- Collaborated with fellow club members on technical projects, enhancing problem-solving skills and teamwork abilities.