

SUMITH B H

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🐙 github.com/Vector-ops

Education

MVJ College of Engineering

Bachelor of Engineering in Computer Science | CGPA: 9.4

Dec. 2021 - Present

Bengaluru, Karnataka

St. Joseph's Pre-University College Bangalore

Higher Secondary Certificate | Percentage: 96%

Jul. 2019 - Jun. 2021

Bengaluru, Karnataka

Experience

Backend Developer Intern

DRDO CABS

Oct 2023 - Nov 2023

Bangalore, KA

- Developed an API for booking and managing facilities using Node.js, MySQL and Prisma ORM.
- Implemented two level approval and cancellation workflows for booking and cancellation.
- Collaborated with team members to integrate API with frontend.
- Integrated the API with existing system and implemented single sign on.

Projects

GDSC MVJCE Website | Next.js, Node.js, MySQL

Github

- * Developed the 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 Aiven and Prisma ORM for efficient data management.
- * Actively collaborated with the frontend team, providing seamless integration between the backend and frontend technologies.

Quail | React, Node.js, Express.js, PostgreSQL

Github

- * Developed a full-featured bookstore web application allowing users to browse, buy, and bookmark books.
- * Utilized Prisma ORM for efficient database operations and seamless interaction with PostgreSQL.
- * Implemented secure authentication using Passport.js with OAuth and password-based strategies, utilizing sessions for user management.
- * Ensured reliable application performance by implementing comprehensive error handling mechanisms.

Reboot | Golang

Github

- * Developed a minimalistic interpreted language using Golang.
- * Implemented a recursive descent parser to handle statement and expression parsing.
- * Implemented the ability to create and execute user-defined functions.
- * Integrated a Read-Eval-Print Loop (REPL) for interactive execution and testing of code.

Mapil | Golang

Github

- * Designed and developed a CLI tool for storing and retrieving data, utilizing a key-value pair architecture for efficient data management.
- * Integrated optional encryption feature to ensure data security, providing protection against unauthorized access.
- * Used JSON format to store data, making it easy to read and work with across different platforms and applications.
- * Created a user-friendly interface that simplifies data operations, making it accessible and intuitive for both technical and non-technical users.

Technical Skills

Languages: Golang, Javascript, Java, C++

Web Technologies: HTML, CSS, JavaScript, TypeScript

Databases: MySQL, MongoDB, Firebase, PostgreSQL, Redis

Libraries/Frameworks: React, Node.js, Express.js, Prisma, Drizzle, Mongoose, Next Auth, Vue.js

Developer Tools: VS Code, Git, GitHub, Postman, Figma, Docker

Extracurricular

Tech Team Member at Google DSC MVJCE

Jul 2023 – May 2024

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.