GOKUL B S
Backend Developer

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SUMMARY

As an experienced backend developer with a background in computer science engineering, I possess a robust skill set in designing and maintaining efficient server-side applications and databases. My expertise includes a strong foundation in various programming languages, frameworks, and database technologies. I am driven by a passion for creating scalable and reliable backend systems, and I am eager to leverage my skills to build high-performance solutions that meet complex business requirements.

TECHNICAL SKILLS

Programming: JavaScript, Typescript, Python, Java, C, Bash.
Libraries & Frameworks: React.js, Next.js, Express.js, Nest.js, Flask, Django, Mongoose, Prisma, Tailwind CSS.
Tools: Git Version Control, Docker, VS Code, Figma, Postman, Microsoft Excel, Microsoft Word.
Database: MySQL, MongoDB, Redis, Firebase Firestore.
Operating System: Linux (Ubuntu, Parrot Security, Kali Linux), Windows, Windows Server.
Cloud Computing Platforms: AWS, GCP, Digital Ocean, Plesk, Hostinger, Azure, Hostingraja.

EXPERIENCE

Backend Developer (Freelance), Vector Crop   Sep 2022 - Jul 2024
- Contributed to various client projects as part of a development team, focusing on delivering high-quality software solutions.
- **Roles & Responsibilities:** Handled backend development, including database design, hosting, deployment, and security.
- **Technologies Used:** Employed Node.js with Express framework, MongoDB and MySQL for databases, and utilized hosting services such as DigitalOcean and Hostinger.

Backend Developer (Part Time), OrtmorAgency, Kochi, Kerala   Mar 2023 - Feb 2024
- A complete marketing and technology agency specializing in digital and experiential marketing to grow brands and businesses.
- **Roles & Responsibilities:** Handled backend development, database management with SQL and NoSQL, email integration, and managed Cloudways hosting operations across different staging environments.
- **Technologies Used:** Utilized Node.js, MongoDB, MariaDB, Prisma for database management, and integrated email services with Nodemailer and SendGrid.

Backend Developer (Part Time), TrentIt India Private Limited, Banglore, Karnataka   Sep 2022 - Mar 2023
- Developed and maintained a platform for buying and selling second-hand products, focusing on creating a seamless user experience for transactions.
- **Roles & Responsibilities:** Managed backend development, including database design, hosting, and application management.
- **Technologies Used:** Utilized Node.js with Express framework, managed databases with MongoDB, and employed hosting services like DigitalOcean and AWS S3.

Backend Developer (Part Time), Satmaya Digital Haripad, Kerala   Sep 2021 - Sep 2022
- A software development company specializing in various software solutions and services.
- **Roles and Responsibilities:** Fixed bugs in the backend, added additional features, & managed hosting raja server operations.
- **Technologies Used:** Utilized Node.js and Express for backend development, Twilio for communication features, MongoDB and Firebase for database and push notifications.

EDUCATION

B.E Computer Science and Engineering   Mar Ephraem College
Anna University, Tamilnadu, India   Aug 2020 - Jul 2024

COURSES

Docker, Guvi   October 2023
- Covered the fundamentals of Docker, focusing on containerization, image creation, and deployment techniques.
- Learned to work with Docker objects including images, containers, registries, volumes, Docker Swarm, and Docker Compose.
- Developed a website, hosted an image file on Docker Hub, and utilized Dockerfile and Docker Compose for DevOps processes.

Full Stack, Infosys Spring Board   March 2023
- Focused on the MEAN stack (MongoDB, Express, Angular, Node.js) for full-stack development, covering both frontend and backend technologies.
- Gained proficiency in Angular for frontend development, MongoDB for database management, Bootstrap for styling, and Node.js.
- Developed a Book Store Application that supports selling and purchasing books through the platform.

PROJECTS

Infinity Saudhi & Qatar, VectorCrop   May 2024 - Jul 2024
- An e-commerce platform enabling retailers to inquire about bulk quantities of products across various categories for their sales needs.
- **Roles & Responsibilities:** Managed backend development using MongoDB for efficient data handling and system operations.

CommentJet, VectorCrop   Jan 2024 - April 2024
- CommentJet is a versatile platform that empowers designers to seamlessly share design files, collaborate, and provide valuable feedback. Streamline your design workflow with effortless file sharing, interactive commenting, and real-time collaboration.
- **Roles & Responsibilities:** Managed backend development including MongoDB NoSQL design, Docker containerization, AWS S3 integration, and ensured secure and efficient hosting.

Royal Technology Solution (rts.ae), Ortmor Agency   Aug 2023 to Feb 2024
- Royal Technology Solutions offers comprehensive technology solutions to businesses globally, focusing on delivering innovative and reliable services across various sectors.
- **Roles & Responsibilities:** Developed an admin and backend CMS for the company's portfolio using MariaDB and Prisma. Managed the hosting of the website on Cloudways, ensuring proper configuration for different environments.

Red Head Xportors, VectorCrop   Jun 2023 - Aug 2023
- Red Head Xportors is an e-commerce platform designed to facilitate the sale of custom-made products. The platform provides a seamless online shopping experience, including product listings, shopping cart functionality, and secure checkout processes.
- **Roles & Responsibilities:** As the backend developer, designed and implemented the system using MongoDB for data management and handled deployment and hosting on Hostinger to ensure reliable service and performance.

Abudhabi Malayalee, VectorCrop   May 2023 to Jun 2023
- Abudhabi Malayalees is a platform designed to connect the Malayalee community in Abu Dhabi. It offers features including job opportunities, business profile management, and event organization, aimed at fostering community engagement and providing valuable resources.
- **Roles & Responsibilities:** Developed and maintained the backend system, focusing on database management and server-side functionalities. Managed features related to job opportunities, business profile management, and community events, ensuring a seamless user experience.

BMW M FESTIVAL JEDDAH 2023, Ortmor Agency   Apr 2023 to May 2023
- A portal for event registration, allowing attendees to register for events in Dubai. The system generates invitation QR codes for general attendees and VIP QR codes for VIP contacts. It supports attendance tracking during the event and generates pre- and post-event reports.
- **Roles & Responsibilities:** Developed and managed the backend for the event management portal, including implementing QR code generation, managing VIP and general attendee data, and ensuring accurate attendance tracking and reporting.

TrentIt Reselling Marketplace and E-Commerce Platform, TrentIt India Private Limited   Sep 2022 to Feb 2023
- An online marketplace for reselling used goods, featuring a platform where users can list and purchase products with transparency regarding the product's condition.
- **Roles & Responsibilities:** Managed backend development, including database design with MongoDB, and handled application hosting and maintenance.

Forskor, VectorCrop   July 2022 - Aug 2023
- The Forskor web application for ordering food online from Forskor Restaurant in Bellandur, Bangalore, with menu browsing and home delivery options.
- **Roles & Responsibilities:** Managed backend development, including order processing, cooking status updates, and delivery management features.

Easydeel Food Delivery Application, Satmaya Digital   Sep 2021 - Feb 2022
- Easydeel is a food delivery application that facilitates users in ordering food from various restaurants and tracks the cooking and delivery process.
- **Roles & Responsibilities:** Handled backend development to resolve issues and implement new features, ensuring improved application performance and user satisfaction.

ACHIEVEMENTS

NASA Bug Report Acknowledgement, BugCroud   March 2023
- Identified and reported a critical bug to NASA, earning official acknowledgment.
- Submitted the report through Bugcrowd, a leading platform for crowdsourced cybersecurity.