

K C Hemalatha

MERN Stack Developer

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Profile

A highly motivated professional around **3 years of total experience**, including **1+ years of hands-on development experience in Node.js, React.js, and SQL**, and **2 years of corporate exposure at Wipro (SDC projects support)**. Skilled in designing and deploying web applications and APIs with a strong foundation in software development principles.

- **Programming & Frameworks:** Node.js, Express.js, React.js, Core Java.
- **Web Development:** HTML5, CSS3, JavaScript (ES6+), RESTful API development.
- **Databases:** MongoDB (hands-on), SQL (good knowledge).
- **Tools & Platforms:** Postman, Git, VSCode, Swagger
- **Other Skills:** JSON, XML, Authentication (JWT, bcrypt), SMTP, AWS S3 basics.
- **Core Concepts:** Data Structures, Design Patterns, Algorithms.

Professional Experience

VCNR Technologies Private Ltd, Software Engineer

07/2022 – 09/2023 | Bengaluru

- Developed RESTful APIs using **Node.js and Express.js**.
- Integrated **MongoDB and SQL** databases for data storage and retrieval.
- Implemented **JWT-based authentication** and secure password handling with bcrypt.
- Integrated **third-party messaging APIs** (like Vonage) for SMS alerts and verification workflows.

Wipro Limited, Associate(SDC Project Support)

05/2020 – 02/2022 | Bengaluru

- **Supported Self-Driving Car (SDC) projects** for a US client (Google Maps ecosystem), focusing on IT-related workflows and processes.
- **Managed documentation, data labeling, and project deliverables**, ensuring accuracy and compliance with client standards.
- **Coordinated with technical teams** for issue tracking, process improvements, and automation support.

Education

B Tech in Electronics and Communication Engineering,

2014 – 2017 | Tirupati

Sri Venkateswara Engineering College for Women

Diploma in Electronics and Communication Engineering,

2010 – 2014 | Hindupur

Government Polytechnic College for Women

State Board of Secondary School, Government Girls High School

2010 | Hindupur

Skills



Tools

- Postman
- Git
- VSCode
- Swagger

Projects

Hayagreeva

Hayagreeva is seeking a modern, user-friendly, and responsive website to enhance its online presence. The website will serve as a digital storefront, providing information about the company, its products/services, and a seamless way for customers to engage.

Project Contribution:

- Developed role based registration authorization mechanisms using technologies like JWT Tokens.
- Implemented Email Notifications using SMTP.
- Deployed Project using Hostinger.
- Worked on AWS S3 Buckets
- Implemented Payment Gateway for payment Process.

Samrudhi

This is an e-commerce project that involves building an online platform that facilitates online transactions between customers and merchants. The system typically includes a website or mobile application where customers can browse and purchase products, a database to store information about products, customers, and orders, and a payment gateway to process payments.

Project Contribution:

- Developed RESTful API endpoints for various functionalities such as user registration, product listing, shopping cart management, and order processing using Express.js.
- Implemented user authentication and authorization mechanisms using technologies like JWT Tokens.
- Integrated MongoDB to store and retrieve data, such as user information, product details, and order history.
- Implemented push notifications using technologies like FCM Tokens.
- Securely stored user passwords using bcrypt for hashing and salting.

Asset Management System

This is a digital e-commerce project used by organizations to monitor their assets. It's making sure that the valuable items, tangible and intangible, in organization are tracked and being used. It's maintain a vendor catalog, compare prices from different vendors, and analyse purchase trends to leverage negotiations.

Project Contribution:

- Manage the complete life cycle of purchase orders with structured approval and delivery process.
- Developed Restful APIs for user registration, login and logout.
- Keep track of expiry assets in advance.