SATHIYA N

SOFTWARE DEVELOPER



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PROFESSIONAL SUMMARY

Motivated and detail-oriented Software Developer with 6 months of hands-on internship experience in designing and developing dynamic web applications and scalable backend systems. Proficient in Java, JavaScript, and the MERN stack, with a strong foundation in building database-driven applications and optimizing performance. Skilled in creating RESTful APIs, implementing CRUD operations, and developing secure user authentication systems using modern frameworks. Eager to learn new technologies and contribute to high-impact projects by delivering innovative and efficient software solutions.

INTERNSHIP EXPERIENCE

SOFTWARE DEVELOPER INTERNSHIP

Trugo Technology, Salem (April 2024 – September 2024)

- Enhanced application functionality by developing CRUD operations, improving user transaction speed by 25% and reducing API call failures by 15%.
- Improved database query performance by 40%, enabling faster data retrieval for high-traffic applications.
- Collaborated with a 5-member team to deploy robust RESTful APIs, enhancing system interoperability.

VKR Club Admin Panel

- Technologies Used: React.js, HTML, CSS, JavaScript, Bootstrap
- Developed a responsive admin dashboard to efficiently manage club events, artists, and customer bookings.
- Engineered CRUD functionalities for event scheduling, artist management, and booking reservations, improving operational efficiency.

Salesman-Tracking Admin Panel

- Technologies Used: React.js, HTML, CSS, JavaScript, Bootstrap
- Designed admin panel to monitor 50+ salesmen, tracking their sales data, performance reports, and customer interactions, resulting in improved performance monitoring.
- Implemented features to track individual salesman performance, daily activities, and progress towards sales targets, improving sales target achievement rate by 20%.
- Created modules to manage company products, enabling admins to update product info and track inventory in real-time, leading to a 15% reduction in stock discrepancies.

PROJECTS

User Authentication System

- Technologies Used: HTML, CSS, JavaScript, React.js, Node.js, Express, MySQL, JWT
- Created a full-stack user authentication system with React.js on the frontend and Node.js with Express on the backend, serving over 100 active users.
- Built a secure authentication system, utilizing MySQL with password hashing (bcrypt) and JWT-based token authentication, improving security and reducing unauthorized access by 30%
- Enabled user registration and login with access control, increasing login efficiency by 25% and streamlining user data security.

Spicyhut Website

- Technologies Used: HTML, CSS
- Constructed a fully responsive single-page website for Spicyhut, optimizing performance across all device types and improving mobile accessibility by 40%
- Applied modern web design principles, reducing bounce rates by 25% and improving user engagement through an **intuitive UI**, enhancing navigation and user satisfaction.

SKILLS SUMMARY

Programming language: Java, JavaScript, TypeScript Front-End Technologies: Html, Css, React.js, Bootstrap

Back-End Technologies: Node.Js, Express.js

Databases: MySql, MongoDB

Tools: Git, GitHub, Postman, Swagger

Soft Skills: Led a team of 7 members, addressed a critical bug that reduced system downtime by 20%, improved team efficiency by 25% through better task prioritization, and completed the project 2 weeks ahead of schedule.

EDUCATION

B.E. in Electronics and Communication Engineering

Dhirajlal Gandhi College of Technology, Salem (2020 - 2024) | CGPA: 85%

2020 - 2024

Higher Secondary Certificate (HSC)

Government Girls Higher Secondary School Mecheri, Percentage – 65 %

2018 - 2020

Secondary School Leaving Certificate (SSLC)

Government Secondary School Aranganur, Percentage – 84 %

2017 - 2018