SRIDHAR R
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Professional Summary

Junior Full Stack Developer (MERN) with hands-on experience building and deploying scalable web applications using React, Node.js, Express, and MongoDB. Experienced in secure authentication, cloud-based media handling, and payment gateway integration. Collaborative team player seeking to contribute to real-world product development.

Technical Skills

Primary Stack: JavaScript (ES6+), React.js, Node.js, Express.js, MongoDB, REST APIs, JWT, Razorpay
Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend & Tools: Node.js, Express.js, MongoDB, MySQL, Cloudinary, Git, Postman
CS Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, SDLC

Professional Experience

Full Stack Developer Intern   **Jul 2024 – Aug 2024**
Nextlogic Software Solutions   *Coimbatore, TN, India*

- Developed and deployed MERN-based web applications by collaborating with senior developers on feature implementation, debugging, and performance improvements.
- Built reusable React components and integrated backend REST APIs, improving UI consistency and reducing development turnaround time by 20%.
- Participated in requirement analysis, testing, and iterative improvements following SDLC best practices.

Technical Projects

EduBridge - E-Learning Platform | *React.js, Node.js, Express.js, MongoDB, JWT, Razorpay, Cloudinary*   **Oct 2025**
Deployed on: Render (frontend), Vercel (backend) – [Live Demo]

- Built and deployed a full-stack e-learning platform with 100+ active users, enabling course enrollment, role-based access (Admin/Teacher/Student), and content management.
- Implemented secure authentication & authorization using JWT and bcrypt, enforcing role-level permissions and preventing unauthorized access.
- Integrated Razorpay payment gateway for course purchases, including order creation, payment verification, and transaction tracking.
- Implemented Cloudinary-based media storage for images and videos, optimizing uploads and reducing client-side load.
- Developed RESTful APIs with proper error handling, pagination, and validation to support scalable frontend integration.

Route Planner - Path Optimization System | *JavaScript, Node.js, HTML5, CSS3, Graph Algorithms*   **Dec 2024**

- Designed a web-based route planning application computing optimal paths using Dijkstra's Algorithm for 500+ nodes, improving route efficiency by 30%.
- Applied graph data structures and algorithms to model routes and compute shortest paths with high accuracy and low latency.
- Integrated a Node.js backend service ensuring scalability under concurrent requests while maintaining high availability.

Education

Bachelor of Engineering in Computer Science and Engineering   **Nov 2022 – Jul 2026 (Expected)**
Kalaignarkarunanidhi Institute of Technology (KIT) – CGPA: 8.12/10.0   *Coimbatore, TN, India*

Higher Secondary Education   **Jul 2021 – Jul 2022**
Velammal Matric Higher Secondary School – 91%   *Coimbatore, TN, India*

Certifications & Achievements

- **Competitive Programming**: 80+ contests, solved 400+ problems on CodeChef and 800+ on LeetCode, strengthening problem-solving and DSA expertise.

- **Global Technical Ranking**: Achieved global rank 1243 on Codolio with a C score of 748.23, reflecting strong algorithmic skills.

- **Hackathon Winner**: Secured Top 3 positions in three 24-hour coding hackathons conducted by Learnlogicify Technology, demonstrating resilience and technical problem-solving under pressure.