VRUSHALI HALDANKAR

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Full Stack Developer

Results-driven Full Stack Developer with expertise in MERN stack, scalable web architecture, and cloud-based solutions. Skilled in designing RESTful APIs, microservices, and CI/CD automation, ensuring performance optimization and security. Experienced in frontend UI/UX enhancements, backend development, and database management using MongoDB, PostgreSQL, and MySQL. Proven ability to deploy high-traffic applications on AWS and DigitalOcean, elevating efficiency with caching, authentication, and DevOps best practices. Passionate about emerging technologies, Agile methodologies, and building seamless, user-centric applications.

Core Competencies

- Full Stack Development (MERN)
- Frontend/Backend Development
- API Design
- System Architecture & Scalability
- Database Management
- Cloud & DevOps
- CI/CD Automation
- Team Work & Collaboration
- Code Optimization
- Agile & Scrum Methodologies
- Software Development Best Practices
- Problem-solving

Career Experience

Women IT Teleworker • Ottawa, ON   Jan 2024 to Present
Full Stack Developer (Volunteer)

Design web-based child custody scheduling platform, enabling seamless visitation management and minimizing disputes. Orchestrate AWS EC2 deployment, guaranteeing scalability, high availability, and smooth user access for frictionless experience.

- Created advanced scheduling algorithm that automated visitation plans, eliminating conflicts and assuring fairness.
- Transformed calendar interface with drag-and-drop functionality, real-time updates, and color-coded events, significantly improving usability by XX%.
- Accelerated application performance by effectively executing caching strategies, optimizing database queries, and leveraging lazy loading for faster access.
- Raised code quality by conducting code reviews, managing PR merges, and enforcing best practices to boost team efficiency.
- Developed automated CI/CD pipelines with GitHub Actions to elevate deployment efficiency and decrease manual errors.

CopperCodes Consulting, LLP • Goa, India   Aug 2022 to Apr 2023
Full Stack Developer

Engineered full-stack native service listing application, empowering users to seamlessly browse, schedule, and manage service calls. Architected vendor-specific platform by strategically utilizing microservices, enabling real-time notifications via Firebase and efficient service listing management.

- Spearheaded backend development with Node.js, PostgreSQL, and Knex, optimizing database performance through stored procedures and query enhancements.
- Integrated advanced geolocation capabilities to personalize service recommendations within user-defined areas, driving engagement and relevance.
- Designed and deployed features for real-time order tracking, complaint resolution, and user-driven rating systems, elevating vendor accountability and customer satisfaction by XX%.

Goa Electronics Ltd. • Goa, India   Jul 2021 to Jun 2022
Trainee Software Engineer

Oversaw digital infrastructure for Goa Tourism, delivering flawless scalability and high system performance for government services and reservations. Identified and resolved system issues, modernizing backend processes for better reliability and user experience.

- Built PostgreSQL/MySQL databases, automating workflows to streamline data processing and license issuance.
- Developed automated validation and reporting tools, improving compliance tracking and enhancing record accuracy.
- Led system upgrades, UI improvements, and performance enhancements to uphold regulatory compliance/accessibility.

*Internship Experience: **Salesforce Developer (Intern)**, WeVerve Systems | **Web Development Intern**, Fabcoders | **Intern**, Tangentia*

Education & Credentials

Post Graduate Diploma in Web Development • Conestoga College, Kitchener, ON (Aug 2024)

Bachelor of Engineering in Computer Engineering • Agnel Institute of Technology and Design, Goa, India

Professional Development: AWS Skill Builder Course (Ongoing) | "Complete Web Development Bootcamp-2024" (Certification)

Technical Skills: Frontend: React.js, Redux, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, MaterialUI, Bootstrap, jQuery | **Backend:** Node.js, Express.js, RESTful APIs, Microservices, WebSockets, JWT Authentication | **Databases:** MongoDB, MySQL, PostgreSQL, Firebase, Mongoose, Sequelize, Knex, TypeORM | **Cloud & DevOps:** AWS (EC2, S3, Lambda), DigitalOcean (Droplets, Spaces) | **Version Control & Tools:** Git, GitHub, GitLab, Jira, Postman | **Testing & Optimization:** Jest, Redis, RabbitMQ

Languages: English | Hindi