

Vrushali Haldankar

Ottawa-ON

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PROFILE

Full-Stack Developer with expertise in React.js, Node.js, Express, Postgres, Amazon Web Services. Skilled in building scalable web applications, optimizing performance using caching, lazy loading, and database optimization, and deploying applications on cloud platforms. Proficient in RESTful APIs, microservices, JWT authentication, and Agile methodologies. Strong experience in code reviews, CI/CD pipelines (GitHub Actions), and cross-functional collaboration to deliver high-quality, user-friendly solutions.

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

Agile/Scrum: Agile Methodologies, Cross-functional Team Collaboration, Problem-solving

EXPERIENCE

Full Stack Developer (Volunteer) | Women IT Teleworkers, Ottawa Ontario, Canada

(Jan 2024-Present)

- Developed a web application for child custody and scheduling, enabling parents and co-parents to manage visitation schedules efficiently and reduce conflicts.
- Designed and implemented a custom scheduling algorithm to automate and optimize visitation schedules, ensuring fairness and minimizing scheduling overlaps.
- Redesigned the calendar interface for improved usability, adding features like drag-and-drop event scheduling, color-coded events, and real-time updates.
- Improved application performance by implementing caching mechanisms, optimizing database queries, and introducing lazy loading for faster data retrieval.
- Conducted code reviews and managed pull request (PR) merges to maintain code quality, ensure best practices, and foster team collaboration.
- Automated CI/CD pipelines using GitHub Actions, streamlining deployment processes and reducing manual errors during releases.
- Deployed the application on AWS EC2, ensuring scalability, reliability, and seamless access for users.

Full Stack Developer | CopperCodes Consulting LLP, Panaji, Goa -India (Aug 2022 - April 2023)

- Developed a native service listing application enabling users to browse, book, and manage service calls seamlessly.
- Led backend development using Node.js, PostgreSQL, and Knex, implementing stored procedures for efficient data handling and query optimization.
- Built a vendor-specific application using microservices architecture, ensuring real-time notifications via Firebase and streamlined service listings for vendors.
- Integrated location-based data insights to display services within user-specified radii, enhancing user experience and relevance.
- Implemented features for order tracking, complaint management, and rating systems, improving vendor accountability and user satisfaction.

Trainee Software Engineer | Goa Electronics Limited, Panaji, Goa -India (July 2021 – June 2022)

- Managed and maintained high-availability digital infrastructure for Goa Tourism, ensuring scalability and optimal performance for licensing, reservations, and government services.
- Designed and optimized PostgreSQL and MySQL database systems, including stored procedures, improving operational efficiency and automating data processing and license issuance workflows.
- Developed and implemented automated data validation, reporting systems, and enhanced compliance tracking, reducing errors and improving the quality of government records.
- Diagnosed and resolved critical system issues, executed backend optimizations, and performed bug fixes to ensure system reliability and a seamless user experience for thousands of daily users.
- Led system updates, UI enhancements, and performance improvements for government web portals, ensuring accessibility, regulatory compliance, and improved system performance.

EDUCATION

- Post Graduate Diploma in Web Development (May 2023 - August 2024)
Conestoga College, Kitchener, Ontario, Canada
- Bachelor of Engineering in Computer Engineering
Agnel Institute of Technology and Design, Goa-India

INTERESTS

- Certification completed in “Complete Web Development Bootcamp-2024”.
- Staying updated on emerging trends, new tools, and best practices by regularly following industry-leading newsletters like TLDR, JavaScript Weekly, ByteByteGo System Design, Substack and Medium.
- Passionate about modern tech stacks, continuously experimenting with new Technologies and building side projects to enhance technical expertise.