

# Digvijay Bendre

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## PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with over **2** years of experience specializing in **React.js**, **Node.js**, and **microservices architecture**. Proven track record in designing, building, and **scaling complex maritime applications**, with a focus on **optimizing performance** for **low-bandwidth environments**. Demonstrates exceptional problem-solving and system design skills, evidenced by **580+ LeetCode solutions**. A collaborative leader adept at robust **API development** and enhancing operational efficiency to drive organizational success.

## EXPERIENCE

### Software Development Engineer - 1 (Full Stack)

Nov 2023 – Present

*Smart Ship Hub Pvt. Ltd.*

*Pune, IN*

- Led Architecture & Development of End-to-End Cobelfret **Fleet Management System**: Spearheaded design and implementation of enterprise-grade **React** frontend with **TypeScript** for enhanced type safety, **Redux** state management and **real-time data synchronization**, architected scalable **Node.js microservices** backend managing **200+ vessels** across global operations, delivering **40% improvement** in fleet operational efficiency and **\$20,000+ annual cost savings**.
- Pioneered Interactive **Fleet Analytics Dashboard**: Engineered comprehensive **React-based** business intelligence platform with advanced **Recharts** visualizations and **Bootstrap** responsive framework, processing **10,000+ real-time data points** per minute from **IoT** vessel sensors, accelerating maritime decision-making by **25%** and enabling predictive maintenance strategies.
- Designed & Delivered Mission-Critical **Engine Room** Monitoring UI: Developed a high-availability safety interface using **React** with **WebSocket** real-time data streaming and an interactive **SVG-based schematic** to visualize live machinery status and color-coded alerts. Seamlessly integrated with a **Node.js IoT** processing backend, reducing unexpected vessel breakdowns by **60%** and preventing potential maritime incidents.
- Championed Global Expansion through System **Internationalization**: Architected and implemented robust **React i18next** localization framework supporting **12+ languages** with dynamic content loading, cultural adaptations, and **RTL** support, accelerating global deployment cycles by **70%** and driving **35% increase** in international user adoption.
- Optimized Application Performance at Enterprise Scale: Led comprehensive performance optimization initiative using advanced **React** techniques including **code splitting**, **lazy loading**, **Redux optimization**, and **memoization strategies**, achieving **30% faster** page load times, **45% bundle size reduction**, and improved **Core Web Vitals** scores while maintaining seamless UX across **1000+ concurrent users**.

### Associate Software Engineer - Intern

Jan 2023 – Nov 2023

*Sumago Infotech*

*Pune, IN*

- Developed and maintained **Java-based** enterprise applications using **Spring Boot** framework, implementing **REST APIs** and **microservices architecture** for **scalable solutions**.
- Designed and optimized database schemas using **Oracle** and **MySQL**, writing complex **SQL** queries, stored procedures, and triggers for **efficient data processing and reporting**.
- Participated in complete software development lifecycle including requirement analysis, system design, coding, unit testing, and deployment using **Agile** methodologies.
- Collaborated with QA teams to identify and resolve software defects, maintaining code quality through peer reviews and **automated testing frameworks**.

## EDUCATION

### Jain University

Bangalore, IN

*Master of Computer Applications (MCA) - Computer Science and Engineering*

*2023 – 2025*

- SGPA: 8.8/10

### Savitribai Phule University

Pune, IN

*Bachelor of Science in Computer Science*

*2018 – 2021*

- SGPA: 6.8/10

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, Java, Python, HTML, CSS, SQL

**Frontend Technologies:** React.js, TypeScript, Redux, Bootstrap, D3.js, Recharts, React i18next, Responsive Design

**Backend Technologies:** Node.js, Express.js, REST APIs, WebSocket, Microservices Architecture

**Databases:** PostgreSQL, MongoDB, SQLite, MySQL

**Frameworks & Libraries:** Spring Framework, Spring Boot, Hibernate, jQuery

**Tools & Technologies:** Git, Linux, Postman, Selenium, ChromeDriver, Docker

**Cloud & DevOps:** AWS, CI/CD, Application Deployment

**Specializations:** Full Stack Development, System Design, Performance Optimization, IoT Integration

## KEY PROJECTS

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**Automated Swipe Tracker Ubuntu Extension** | *Node.js, Selenium, SQLite, Express* [GitHub](#) 2025

- Developed an Automated Swipe Tracker Ubuntu Extension using **Node.js**, **Selenium**, and **SQLite** to monitor **real-time attendance data** from GreytHR.
- Implemented a **headless login automation** and swipe data parser, calculating total work hours and current IN/OUT status.
- Exposed data via a lightweight **Express API** for easy integration with dashboards or desktop widgets.
- Automated attendance tracking **reducing manual monitoring effort by 90%**.

**HealthyMe - E-Commerce Marketplace** | *React, Node.js, PostgreSQL, Express* [GitHub](#) | [Live](#) 2023

- Built a comprehensive vegan food marketplace using **React**, **Node.js**, **Express.js**, and **PostgreSQL** with **real-time inventory tracking**.
- Implemented **secure payment gateway integration** and **personalized product recommendation engine**.
- Developed **responsive web interface** with **advanced search filters** and **user authentication system**.
- Achieved **40% increase in customer engagement** and **35% higher average order value** through optimized UX design.

**Hobby Lobby – Chat Application** | *Java, Spring Boot Security, Google Cloud Data-store* Jan 2023

- Created a real-time chat application that connects users based on shared interests and hobbies.
- Implemented **Spring Boot Security** for user authentication and authorization with role-based access control.
- Integrated **Google Cloud Datastore** for scalable **NoSQL data storage** and efficient message retrieval.
- Developed responsive frontend using HTML, CSS, and JavaScript for seamless user experience.
- Built interest-based matching algorithm to increase user engagement and facilitate meaningful connections.

## AWARDS & HONORS

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**Hackathon Achievement:** 1st Prize in Web Development Hackathon, competing against **13+** colleges. (Feb 2023)

**GeeksforGeeks:** 1st Rank University Level, solved **440+** problems on GfG platform. (Present)

**LeetCode:** Solved **580+** complex problems with **290+** days consistency streak. (Present)

**Performance Recognition:** Delivered **40% improvement in fleet operational efficiency**, **25% reduction in decision-making time**.

## ADDITIONAL INFORMATION

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**Languages:** English (Fluent), Hindi (Fluent), Marathi (Native)

**Interests:** Competitive Programming, Open Source Contributions, Maritime Technology, System Architecture

**Problem Solving:** Strong analytical skills with focus on **algorithmic thinking** and **optimization**