Dipesh Gaikar – Software Engineer

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SUMMARY

Results-driven Full Stack Developer with 2+ years of experience in JavaScript, React, Node.js, and MongoDB. Proven track record of building scalable web applications and solving complex technical challenges. Seeking to leverage expertise in MERN stack development with expertise in Software Engineering, Agile methodologies, and full-stack development to drive innovation in a dynamic software development role.

EDUCATION

- **B.E. in Information Technology** *(2023 - Pursuing)*
  MES Pillai HOC College of Engineering & Technology, Rasayani, SGPA: 8.3
- **Diploma in Computer Engineering** *(2019–2022)*
  S.S.O.S.P. College of Diploma Engineering & Technology, Nagothane, 82.0%
- **SSC (10th Grade)** *(2018–2019)*
  Sane Guruji Vidya Niketan, Roha, 85.8%

EXPERIENCE

Hackathon
Odoo x Gujrat Vidyapith Ahmedabad (2025)

- Developed a complete E-commerce platform in 48 hours using modern web technologies
- Implemented surprise mentor-requested features demonstrating adaptability and quick learning
- Secured Top 50 position among 500+ participating teams

Apprentice 12/2022 to 11/2023
Canon India Pvt. Ltd.

- Reduced printer downtime by 30% through proactive maintenance and quick troubleshooting
- Managed client relationships between Canon and JSW Steel, ensuring 99% satisfaction rate
- Showed adaptability and problem-solving abilities in high-pressure technical situations

Trainee Engineer 09/2022 to 11/2022
Sysnet Global Technologies

- Provided Desktop support and Windows OS troubleshooting.
- Hands-on experience with hardware at JSW Steel, Wadkhal.

Intern 08/2021 to 10/2021
TCR Innovation

- Worked on Python and machine learning mini-projects.

PROJECTS

1. VaayuTrace - Carbon Footprint Tracker – React, Express, MongoDB, ML Models
   - Built a comprehensive carbon emission tracking system using MERN stack with integrated ML predictions.
   - Implemented 5 machine learning models (Linear Regression, Random Forest, XGBoost, Neural Network, Ensemble) for accurate carbon footprint predictions across 5 domains.
   - Developed cookie-based JWT authentication with protected routes and real-time analytics dashboard using Recharts for emission trend visualization.
2. Harvest Trace – React, Express, MongoDB, 3JS
   - Developed a farmer-to-customer direct connection platform using MERN stack and Three.js.
   - Integrated real-time 3D product visualization for enhanced user experience.
   - Implemented secure payment gateway and user authentication system.
3. Custom URL Shortener – MERN, Redux, Tanstack
   - Implemented user authentication, link analytics, and click tracking features.
   - Utilized Redux for state management and TanStack for efficient data fetching.
   - Achieved 99% uptime with responsive design for mobile and desktop users.

4. <u>Scatch bag shop</u> – Express, MongoDB, EJS, Multer
   - Developed complete e-commerce solution with Express.js, MongoDB, and EJS templating
   - Integrated Multer for image uploads and secure payment processing
5. Clock, To-Do list, issue Tracker **–** Javascript
   - Created utility tools focusing on productivity and time management.

SKILLS

TECHNICAL SKILLS

- Programming Languages: JavaScript (ES6+), Java, Python, C, C++
- Frontend Development: React.js, Bootstrap, Tailwind CSS, Responsive Design, DOM Manipulation
- Backend Development: Node.js, Express.js, RESTful APIs, MongoDB, Database Design, Server side Logic
- Full Stack Development: MERN Stack, End-to-end Development, System Architecture, Component-based Architecture
- Frameworks & Libraries: Redux, TanStack Query, EJS, Multer, Three.js
- Development Tools: Git, GitHub, VS Code, Android Studio, Version Control
- Other: Data Structures & Algorithms, Windows OS, Machine Learning Basics, Cross-browser Compatibility

SOFT SKILLS

- Problem-Solving & Analytical Thinking, Effective Communication & Presentation
- Team Collaboration & Leadership, Client Relationship Management
- Adaptability & Quick Learning, Time Management & Organization
- Project Management, Event Management & Coordination

CERTIFICATIONS

Courses

- <u>Introduction</u> to Large Language Models 2025
- <u>CodeAlpha</u> Web Development Internship 2024
- <u>TCS iON</u> Career Edge – Young Professional 2023
- <u>Android App</u> using Kotlin training 2025
- <u>SAP Overview</u> Training 2020

Workshops

- <u>Flutter</u> Workshop 2025
- <u>Machine Learning</u> Workshop 2024

Participation

- <u>Smart India Hackathon</u> Participation 2024

ACHIEVEMENTS

- Open-source contribution – Contributed to React Tostify library where I have fixed notification delay issue.
- GDG PHCET on campus Technical Head 2025
- Selected Participant – Smart India Hackathon 2024
- Top 50 Finalist – Odoo x Gujarat Vidyapith Hackathon 2025
- Maintained 99% client satisfaction during Canon-JSW Steel support contract through effective communication
- Coordinated sports events (Futsal, Basketball) during Engineering Fest, displaying organizational abilities

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INTERESTS & ACTIVITIES

- Event Management: Organized inter-college Shiv Jayanti event as Cultural Head
- Social Media Management: Managed IT department's social media presence
- Workshop Leadership: Conducted Flutter Workshop for 30+ students
- Sports Coordination: Managed Futsal and Basketball events during Engineering Fest
- Technology Blogging: Active in tech communities and knowledge sharing