

Omkar Desai

Mumbai, India

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Professional Experience

Node.js Trainee | OpenSpace Services | Mumbai, India

December 2024 – Present

- Developed comprehensive backend modules using **Node.js**, **Express**, and **SQL** to improve system functionality and data management.
- Integrated **Strapi** CMS to manage and customize content, improving data consistency across platforms.
- Designed and implemented 20+ project modules such as **Project Master**, **Flowcell Master**, and **User Authentication** systems.
- Built robust API endpoints for seamless integration with third-party services.
- Enhanced security protocols, including password management systems and profile customization tools.
- Conducted rigorous testing and debugging to ensure optimal performance and system stability.

Freelance Developer & Self-Learning Projects

November 2023 – December 2024

- Developed three large-scale freelance projects using **Node.js**, **React**, and **SQL** to build web-based systems with integrated REST APIs.
- Created a **Material Rates** module that dynamically calculated cost structures based on input data, improving budget accuracy.
- Built features like **Currency Definitions**, **Reason Definitions**, and **Port Management** to enhance system usability and data tracking.
- Participated in continuous learning by completing advanced certification courses in **Node.js**, **SQL**, and **Strapi**.

Associate Software Engineer | Gupshup Technologies | Mumbai, India

September 2022 – November 2023

- Developed WhatsApp chatbots using **WhatsApp Business API**, improving customer engagement and reducing response times by 50%.
- Designed and implemented microservices to automate manual support tasks, boosting productivity by 30%.
- Managed and enhanced internal operational systems using **REST APIs**, **SQL**, and **Python**.

- Collaborated with Meta (Facebook) teams to resolve API-related issues for improved performance.

Technical Content Engineer Intern | Kalvi Educations | Remote

August 2022 – September 2022

- Developed comprehensive web development courses for **Angular**, **React**, and **JavaScript**.
 - Created projects and assignments to enhance student learning outcomes.
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Key Projects

Flowcell Project: Developed key modules such as **Project Master**, **Flowcell Master**, and **Unit Master**, integrating third-party services with well-structured APIs and improving data consistency.

Coca-Cola Bot: Developed a custom lead generation bot integrated with proprietary systems to enhance customer engagement and streamline data collection.

WhatsApp API Docker Upgrade Automation: Automated WhatsApp API upgrades using **Python** and **REST APIs**, reducing manual effort by 50% and improving system stability.

Technical Skills

- **Languages:** JavaScript, Python, SQL
 - **Frameworks/Libraries:** Node.js, React.js, Redux, Express, Sequelize, Bootstrap
 - **CMS/Tools:** Strapi, Vite, REST APIs, Docker
 - **Methodologies:** API Integration, Systems Integration, Full-Stack Development
 - **Soft Skills:** Collaboration, Problem-solving, Adaptability
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Education

Bachelor of Engineering in Information Technology

NMIMS University, Mumbai

Graduated January 2022 | CGPA: 8.22/10

Achievements & Leadership

- Led **Team-Building Activities** to improve collaboration within remote teams.
- Trained and onboarded new hires, streamlining their integration into technical projects.
- Managed finance and partner tasks to ensure smooth project execution.