Rutvik Makvana

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EDUCATION

Bachelor of Engineering in Information Technology,   08/2019 – 07/2023 │ Surat, India
Sarvajanik College of Engineering and Technology

EXPERIENCE

iRoid Solutions | Node.js Developer ✎   07/2023 – 10/2024 │ Surat, India

- Worked on real-time client projects using Node.js and Express.js, managing databases with a focus on MongoDB.
- Built applications focused on dynamic data processing and real-time functionality using Socket.io improving user interaction and experience.
- Implemented best practices for data validation, input sanitization, authentication, and authorization, ensuring robust application security and performance.
- Developed scalable and efficient RESTful APIs for seamless web application communication and integration.
- Optimized third-party API integrations to expand functionality and streamline operational processes for client applications.
- Managed AWS EC2 and S3 deployments, using GitHub Actions for automation and secure access.

SolGuruz LLP | Software Engineer ✎   10/2022 – 06/2023 │ Ahmedabad, India

- Analyzed and optimized PostgreSQL databases using Sequelize ORM, ensuring high performance and smooth data handling for web applications.
- Innovated server-side solutions by leveraging Node.js and Express.js, improving backend functionality and communication with frontend applications.
- Collaborated with cross-functional teams to design, develop, and maintain RESTful APIs, enhancing application performance and user experience.

SKILLS

Libraries & Frameworks — *JavaScript, TypeScript, Node.js, Express.js*

Database Management — *MongoDB, MySQL, PostgreSQL*

API Development & Integration — *REST API*

Payment Gateway Integration — *Stripe, SkipCash*

Cloud & DevOps — AWS EC2, AWS S3

Development Tools — *VS Code, Postman, PgAdmin, MySQL Workbench, Swagger UI*

Version Control — *GitHub, Gitlab*

Social Media Integration — *Google, Facebook, Apple*

CERTIFICATIONS

- Future Ready Talent Program - Microsoft ✎
- Engineering Virtual Program - Goldman Sachs ✎
- Google cloud facilitator Program - Google ✎
- Hacktoberfest - GitHub ✎

PROJECTS

iKonic - Be a College Celeb
Backend and Web Admin Panel Development for iOS Social Media App
- Developed the backend and web admin panel for a social media app aimed at college students.
- Built interactive features including photo/video posts, likes, shares, comments, stories, and live streaming for event participants.
- Created a points-based leaderboard and monthly "Style Ikon" event with live streaming for vote collection.
- Designed an admin panel to manage events, seasons, push notifications, emails, and quizzes, ensuring dynamic user engagement and seamless event operations.
- **Technologies used**: Node.js, Express.js, MongoDB, JQuery, Socket.io, SheerID for student verification

Harage - Refurbished App
Backend Development for Android/iOS Refurbished Goods Marketplace
- Developed backend for an Android/iOS app enabling users to buy and sell refurbished items.
- Responsible for the entire web admin panel, allowing sub-admins to manage orders and workflow.
- Created a super admin panel for efficient order assignment to sub-admins.
- Optimized APIs for secure, scalable order management and user interactions.
- Technologies used: Node.js, Express.js, MongoDB, JQuery, Skipcash Integration for payment

Towy - Car Service App
Backend Development for Car Service and Fleet Management App
- Built backend for a car service app, allowing customers to book towing, battery replacement, and tire repair services with secure payment processing.
- Developed a web admin panel for fleet management, including driver assignment and document verification by sub-admins.
- Streamlined vehicle detail collection and documentation, ensuring a seamless user experience.
- **Technologies used**: Node.js, Express.js, MongoDB, Stripe Integration for payment, Socket.io

Celleey - Online Shopping App
Backend Development for Cashback-Based E-Commerce Platform
- Developed backend for an online shopping app offering unlimited cashback rewards on every purchase, driving user engagement.
- Set up a system for handling high transaction volumes and calculating cashback rewards instantly.
- Managed user accounts and reward tracking to ensure accurate purchase and reward information.
- Focused on app performance, scalability, and reliability for an optimal shopping experience.
- **Technologies used**: Node.js, Express.js, MongoDB