Irfan Gouri

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Objective

Software Engineer with expertise in MERN Stack, third-party integrations, and building scalable applications. Proficient in **Socket.io** for real-time communication, **WhatsApp ChatBot** automation, and solving complex problems. Experienced in requirement analysis, testing, debugging, and maintaining high-quality code. Committed to delivering user-focused solutions through continuous optimization and modern technologies.

Skills

Programming Languages: C++, JavaScript, TypeScript, MYSQL, React, Node.js, Express.js.

Technical Expertise: DSA, OOPs, DBMS, Operating System Concepts, Problem Solving Skills, Analytical Skills, Web Sockets, Third Party Integration, Debugging, Unit Testing and Troubleshooting.

Databases: MongoDB, MYSQL

Developer Tools: Git, GitHub, MongoDB Atlas+Compass, Postman, Visual Studio Code, Gadget.dev

Other Skills: Learning Management System (LMS), CRMs, WhatsApp ChatBots, Micro-services.

Experience

NodeSure Technologies Pvt. Ltd.   **June 2024 – Present**
Software Development Engineer-I

- Led **WhatsApp ChatBot** development for Tetafi and EPCB, enhancing automated communication.
- Implemented real-time features using **Socket.io**, creating responsive dashboards for efficient data flow.
- Integrated third-party services like payment gateways, vision APIs for seamless cross-platform functionality.
- Developed an **LMS chatbot** for English learning, boosting user engagement with interactive exercises.

Jalan Technologies   **Sept 2023 – Mar 2024**
Associate Software Engineer

- Led Agile development sprints, prioritizing tasks and collaborating with teams to meet project deadlines.
- Ensured code quality by writing **Unit Testcases** and participating in sprint reviews and retrospectives.
- Designed secure data pipelines, extracting, validating, and transforming XML data into JSON, improving processing speed by 40% and enhancing third-party integration for over 100,000 users.
- Developed **Full-stack components**, creating RESTful APIs and dynamic React UI using Context API.
- Drove continuous improvement through daily stand-ups and close collaboration with project managers and developers.

Projects

ToDo-MERN Stack Application—*MERN Stack, RESTful APIs, Google Auth*   *GitHub* ↗

- Built ToDo app backend with RESTful APIs, ensuring efficient data handling using MongoDB for scalability.
- Developed user-friendly frontend for the ToDo app, improving usability and enhancing user experience.
- Integrated Backend, **Google Auth APIs** with frontend, reducing data transmission errors by 25%.

Money Mentor—*MERN Stack, WhatsApp ChatBot, Third-Party Integration*   *Dashboard Link* ↗

- Developed **WhatsApp ChatBot** to record transactions, generate invoices, and GPT-based financial advice.
- Integrated **Payment gateway** and **Vision AI** for subscriptions and image-based transaction recording.
- Built **User and Admin dashboards** displaying transactions, invoices, and goals in tables and graphs.

English Practice ChatBot—*Node.js, WhatsApp ChatBot, LMS*   *Message Here* ↗

- Developed a **Learning Management System** where user select tests and receive English question in series.
- Enhanced user experience by reducing message sending time by 50%, facilitating quicker interactions.
- Implemented algorithms to generate personalized word pools based on user levels and performance scores.

Education

Poornima Group of Institutions, Jaipur   **Sept 2020 – May 2024**
Bachelor's of Technology in Computer Science   *SGPA: 9.55 aggregate*