Samrat Malla

Software Engineer   Portfolio Website: Link Here

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Full Stack Engineer with a Master's Degree in IT (Software Engineering) and 2 years of experience. Proficient in C++ and experienced with relational database management systems (RDBMS) and Oracle databases. Detail-oriented, organized, and meticulous, with a positive mindset and excellent problem-solving skills. Enthusiastic team player ready to contribute to company success.

SKILLS

- **Programming Language:** C, C++, C#, Java, JavaScript, TypeScript, HTML, CSS, Tailwind
- **Libraries:** React, Express, Node
- **Framework:** Nextjs, Material UI
- **Database:** PostgreSQL, MongoDB, SQL Queries, RDBMS
- **Cloud Deployment:** Render, AWS
- **Version Control System:** Git
- **Design Tool:** Figma Prototyping for UX/UI Design
- **Project Management Tool**: Jira, Agile
- **Testing**: Postman, Swagger, JUnit
- **Additional Skills**: Automation, CI/CD Deployment, Restful API, Context API, Recoil

WORK EXPERIENCE

Full Stack Developer- Scodus Innovations Pvt. Ltd   **March 2019 – June 2021**

- Developed user-friendly interfaces for admin and users.
- Created API for recording attendance of users using QR Scanner and viewing user attendance.
- Utilized Figma for UX/UI design prototyping.
- Developed admin dashboard and endpoint according to roles (Admin, Super admin, Individual).
- Secured routes, created endpoints, and handled authentication and authorization.

- Gained deep knowledge of software engineering best practices and design patterns.

- Built both frontend and backend of web products using React, Node.js, Typescript, PostgreSQL, and AWS.

- Articulated and balanced trade-offs of effort versus customer impact by breaking down large technical tasks.

- Played a key role in shaping the engineering culture and mentoring other software engineers.

- **Technologies Used**: NestJS, React, PostgreSQL, Auth0, Cognito User Pool, MongoDB.

Quality Assurance Engineer, Gamenic Nalamiz Pvt. Ltd   **July 2021 - Oct 2021**

- Focused on Automation Testing using Cypress and Selenium and worked on the virtual court.
- Technology Used: Automation and Manual Testing, Bug reporting, Git, Jira, Selenium, Agile

PROJECT EXPERIENCE

Newcastle AutoSpare Parts

Overview: Designed a responsive ecommerce website based on MERN Framework.

- **API Development:** Built RESTful APIs, implemented OAuth for security.
- **EDI & File Transfer:** Implemented EDI transactions, used SFTP for secure transfer.
- **Data Transformation:** Applied XSLT for XML data transformation.
- **Integration:** Integrated cloud and on-premises solutions.
- **Methodologies & Tools:** Followed Agile, used Git, set up CI/CD, conducted testing.
- **Collaboration:** Worked with teams, showcasing problem-solving and communication skills

CERTIFICATIONS

- **Scodus Innovation Experience Letter [2019]**
- **Gamenic Nalamiz Tech Experience Letter [2021]**
- **Udemy 100 Days Of Code - 2023 Web Development Bootcamp [2023]**

- **Responsive Web Design [2024]**
- **Google Analytics and Google Analytics Indivudual Qualification [2024]**
- **Python Tutorial [2020]**

EDUCATION

- **Masters in IT (Software Engineering) from Federation University**

REFERENCE

- **Will be provided upon request**