Tanmay Toshniwal

Junior Software Engineer

✉ tanmaytoshniwal09@gmail.com 📞 +91 8827203876 📍 Hyderabad, India 🔗 LinkedIn GitHub

Professional Summary

Results-driven **Software Engineer** with experience in designing and developing scalable web applications using **React.js**, **Node.js**, **Express.js**, and **PostgreSQL**. Proficient in building responsive user interfaces, developing RESTful APIs, and managing relational databases. Skilled in applying modern web technologies, version control (**Git**), and deployment practices to deliver efficient full-stack solutions.

Work Experience

Quanteon Solutions   Hyderabad, India
Software Development Engineer I (SDE I)   **Apr 2024 – Present**

- **Designed and developed** responsive web interfaces using **React.js**, **TypeScript**, **HTML5**, and **CSS3**, improving cross-browser compatibility and reducing UI rendering time by **20%**.
- **Built reusable React components** and integrated **RESTful APIs**, managing asynchronous operations with **React Hooks** and **Promises**.
- **Performed code reviews and debugging**, ensuring adherence to coding standards, improving code quality, and reducing production defects by **15%**.
- **Developed real-time notifications** to alert users on status changes, improving engagement and reducing missed updates by **25%**.
- **Automated healthcare workflows** with **UiPath Studio** and API integrations, reducing manual effort by **30%**.
- **Optimized SQL queries** to improve database performance by **15%** and contributed to backend services using **Node.js**.

Tech Stack: React.js, TypeScript, Node.js, SQL, UiPath Studio, REST APIs, Git

Personal Projects

E-commerce Web Application   GitHub

– **Developed** a full-stack e-commerce app using **React.js**, **Node.js**, **Express.js**, and **PostgreSQL** with **Sequelize ORM**.
– **Implemented** secure **JWT Authentication** for user login, registration, and session management.
– **Built RESTful APIs** for user management, product catalog, cart and wishlist.
– **Optimized database operations** with **Sequelize**, improving query performance and data integrity.

Technical Skills

Languages: C, C++, Java, JavaScript, TypeScript, SQL

Frontend: React.js, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs

Databases: PostgreSQL, MySQL, Sequelize ORM

Automation & Testing: UiPath Studio, Selenium, Orchestrator

Tools: Git, GitHub

Core CS: OOP, DSA, DBMS, API Integration

Education

University Institute of Technology, RGPV, Bhopal, India   *2020 – 2024*
Bachelor of Technology in Information Technology   —   CGPA: **7.77**/10