Simran Ferwani

Software Engineer , Coditas

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PROFILE

Software Engineer with 2.5 years of experience in developing REST Apis Proficient in Postgres, NestJS, and SQL, adapt at managing databases and optimizing performance. Skilled in leveraging advanced SQL queries to drive efficiency and scalability. Strong analytical abilities and a collaborative mindset, fostering effective cross-functional teamwork for successful outcomes.

EXPERIENCE

Coditas, Pune — *Software Engineer*

February 2021 - PRESENT

- Developed automated scripts to simplify common tasks and reduce manual effort
- Improved database performance by 10% through query optimization and indexing
- Implemented a microservices architecture that improved system modularity and reduced dependencies between components
- Conducted code reviews and mentored junior developers to improve code quality and ensure adherence to best practices
- Contributed to a fintech project for 2 years, involving manual SQL scripting, complex query development, AWS Redshift, and data cleaning through ETL processes. Here we primarily used SQL for database management. I have worked extensively with PostgreSQL, developing multiple APIs and their integration . Furthermore, I actively collaborated on frontend development tasks.

Modi Innovations, Aurangabad — *Software Developer Intern*

May 2019- June 2019

- During my internship, I gained hands-on experience in web development and focused on enhancing my technical expertise in HTML, CSS, JavaScript, and Angular.
- Managed a 4-member cross-functional (engineering, sales) team and coordinated with business partners.

EDUCATION

Deogiri Institute Of Engineering and Management Studies,
Aurangabad —*BE , Computer Science*

August 2016 - November 2020.

SKILLS

SQL

ReactJs

Nodejs

Git

Lambda

Javascript

PROJECTS

Insights - *SQL , NESTJS , POSTGRESQL*

I am currently involved in backend development for a project focused on real-time market analysis and numerical data processing. The aim is to develop a system that delivers valuable insights and timely updates by utilizing data from various sources.

Codin - *REACT , Nodejs*

Developed a ReactJS-based coding bootcamp website with interactive sections for exploring programming topics. Utilized React hooks, interactive carousels, and additional functionalities to enhance user experience.