Sonal Singh

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EDUCATION

B.Tech in computer science   Chhattisgarh Swami Vivekanand Technical University, Bhilai
79%   Aug 2018 – May 2022

SKILLS

Languages: JavaScript, ES6, C/C++, MYSQL, HTML/CSS
Frameworks: Node.js, Nest.js, React Js
Developer Tools: Git, VS Code, Postman, Visual Studio, Swagger, MySQL Workbench, jira, MongoDB
Additional Knowledge: Query optimization, caching systems, Solar systems, GraphQL APIs, Stripe payment integration, socket.io, Selenium (JS), AWS (ECS, EC2, CodePipeline, S3, Cognito, SNS, KMS, SMS,Postgress

EXPERIENCE

KEY AI   Ahmedabad, Gujrat
Backend Developer   *Feb 2025 – Present*
- Designed and implemented scalable backend solutions using Node.js, Nest.js, and Postgres.
- Developed and optimized RESTful APIs ensuring performance, security, and reliability.
- Collaborated with frontend teams for seamless backend integration.
- Maintained code quality, documentation, and best practices, contributing to team growth.

INNODEED SYSTEMS PVT. LTD   Bhilai, Chhattisgarh
Associate Software Engineer   *May 2022 – Feb 2025*
- Developed and maintained robust server-side applications using Node.js, with a primary focus on Nest Js framework.
- Collaborated with cross-functional teams to design and implement scalable and efficient backend solutions for projects.
- Utilize AWS services (S3, EC2,ECS, SNS, CodePipeline, Cognito) for cloud infrastructure.
- Implemented best practices in security, scalability, and performance optimization within AWS environments.
- Collaborated with front-end developers to integrate user-facing elements using server-side logic.
- Work on REST and GraphQL APIs, caching systems, and Solar systems.
- Conduct automation testing using Selenium.
- Develop payment integration APIs (Stripe) and socket.io connection APIs.
- Optimize queries and work extensively with MySQL.

P CODERS   Bhilai, Chhattisgarh
Node.js developer intern   *Mar 2022 – Apr 2022*
- Integration of user facing element developed by front end developers with server side logic.
- Implementation of security and data protection.
- Design and implementation of data storage solutions.

PROJECTS

CRUD API | Node.js, NestJS, MySQL, Swagger
- Developed a comprehensive CRUD API with full operations (Create, Read, Update, Delete).
- Utilized NestJS for the backend framework and MySQL for database management.
- Documented the API using Swagger for easy testing and integration.
- Implemented security measures and optimized queries for better performance.

GRAPHQL APIS | Node.Js, NestJS, GraphQL, MySQL
- Designed and developed GraphQL APIs to provide flexible and efficient data retrieval.
- Implemented complex queries and mutations using Node.js and NestJS.
- Integrated with MySQL for data storage and retrieval.
- Focused on optimizing performance and ensuring robust security measures.

PAYMENT INTEGRATION WITH STRIPE | Node.Js, NestJS, Stripe
- Designed and developed GraphQL APIs to provide flexible and efficient data retrieval.
- Implemented complex queries and mutations using Node.js and NestJS.
- Integrated with MySQL for data storage and retrieval.
- Focused on optimizing performance and ensuring robust security measures.

GENERIC API PROJECT | Node.Js, NestJS, TypeORM, MySQL, Swagger
- Developed a set of generic APIs to handle various business requirements.
- Utilized NestJS and TypeORM for the backend and MySQL for data management.
- Created a generic controller and service to support CRUD operations for different entities.
- Implemented best practices for handling payment data securely.