

Ranveer Singh Tomar

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Profile

Full Stack Developer with strong problem-solving skills and passion for building scalable, efficient applications. Focused on clean code practices and data structures & algorithms.

Experience

Matriye Software, Pune — Junior Developer

Jan 2024 - PRESENT

- Implemented scalable frontend architecture using React.js resulting in 15% **improved performance** metrics
- Designed and optimized **RESTful APIs** using Node.js/Express.js, achieving 20% faster response times
- Applied data structures and algorithms to **optimize database queries**, improving data retrieval efficiency by 25%
- Conducted thorough unit testing using **Postman**, maintaining 80% code coverage
- Collaborated in an Agile environment using **Git** for version control, contributing to 30% reduction in bug backlog

Projects

Cosmos IQ — [EdTech website](#)

- Architected scalable React.js components using custom hooks and **context API** for state management
- Implemented **advanced caching strategies** and lazy loading, reducing page load times by 40%
- Applied **responsive design** principles with CSS Grid and Flexbox, ensuring cross-browser compatibility

Food Service — [Backend App](#)

- Designed **RESTful API** architecture following SOLID principles and best practices
- Implemented **JWT-based authentication and role-based access control**
- Optimized database queries using **Mysql aggregation** pipeline

Skills

Frontend Development :- HTML5 | Css3 | **React Js** | **Next Js** | Web Performance Optimization

Backend Development :- **Node.js/Express.js** | REST API Design | **Mongo Db** | My SQL | System Design Fundamentals | Microservices Architecture

Programming Languages :- Python | Java | **C++** | **JavaScript/TypeScript** | Go Lang

Cloud & DevOps :- **AWS** | **Docker** | **Git & GitHub** | CI/CD Principles

Education

Lnct University, Bhopal — MCA(AI/ML)

July 2022 - June 2024

Barkatullah University, Bhopal — BCA

July 2018 - July 2021

Achievements

- Cognizant-Artificial Intelligence Job Simulation - Forage
- AWS & REACT: Deploy An Auto Scaling E-Commerce App With ELB
- Accenture North America – Data Analytics and Visualization Job Simulation