Ranveer Singh Tomar

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Profile

Mern 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

Music Stream— *Mern App*

- Built a **MERN stack music streaming app** using **React.js** with **React Query** and **TanStack Routing** for efficient UI and navigation.
- Developed a **Node.js backend** with **Multer** for file uploads, **Passport.js** for authentication, and **MongoDB GridFS Bucket** for streaming music files
- Delivered a seamless user experience with features like **music uploads**, secure access, and **real-time streaming**

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
- Acenture North America – Data Analytics and Visualization Job Simulation