TARUNA VERMA

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EDUCATION

Chitkara University, Rajpura,Punjab   Oct 2020 – Aug 2024

Bachelor of engineering in Computer Science

Cgpa: 9.65

Netaji Model Public School, Ropar, Punjab   Feb 2018 – Feb 2020

12 ᵗʰ, CBSE

Percentage: 76

EXPERIENCE

Associate Solution Leader Trainee, Brane Enterprises   Sept 2023 - July 2024

- Converted monolithic architecture to a microservices setup using **Docker**, resulting in a 40% improvement in deployment efficiency
- Applied **Publisher-Subscriber** model utilizing Bull mQueue for decoupling of upload API reducing response time by 90%
- Designed **REST APIs** for data management and integration using Node.js and MongoDB.
- Executed Caching using **Redis** resulting in 30% reduction in response time API response time and improved overall system performance.
- Collaborated in a cross-functional, globally distributed team to ensure high availability and performance

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PROJECTS

The Spotify   Nov 2022 - Mar 2023

- Developed a personalized music recommendation system using Spotify's Web API and NodeJS increasing recommendation accuracy by 90%.
- Built an interactive dashboard with ReactJs for users to explore their playlists and track analytics.
- Implemented OAuth 2.0 authentication for secure user login and access to Spotify accounts.

Cookist   Apr 2023 - Jun 2023

- finds various recipes and the latest food events happening
- Save the ingredient list from the recipe and order the ingredients instantly
- Developed and implemented **REST APIs** for data retrieval

SKILLS

- **Languages: Java**, C++, Javascript, Python
- **Tools and Technologies**: React.js, Node.js, Express, MongoDB, MySQL, REST APIs, **GitHub**, **Linux**, **CI/CD, Agile**
- **Middleware Technologies**: Docker, Kubernetes, Redis, Kafka, Elastic Search
- **Soft Skills**: Problem Solving, Creativity, Team Player, **Communication**

CERTIFICATIONS

- [Advanced web development for Chitkara University, Coding Ninjas, 06/2021](#)
- [**OOP Java** for Chitkara University, Coding Ninjas, 06/2021](#)
- [Introduction to Python for Chitkara University, 01/2021](#)

ACHIEVEMENTS

1. Co-authored a research paper on green iot, presented at ICIASC-2023