**Sourabh Kumar**

**Frontend Developer**

Targeting **Front-end Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth.

Contact



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Academic Details

1. **Bachelor of Technology (B.Tech.) Computer Science & Engineering**

RVSCET, JSR; CGPA: 8 (PASSOUT-2022)

Profile Summary

1. A detail-oriented professional with **experience of 2 years** in front-end

Software Development in the Entertainment industry.

1. Experienced as a Software Developer Engineer at Zee Entertainment Enterprises Ltd,

showcasing proficiency in **CDN architecture and Computer Networking** fundamentals, leading to successful project outcomes.

1. **Achieved a reduction in system downtime** by enhancing edge server monitoring efficiency, showcasing a strong commitment to improving system performance and

uptime metrics.

1. Developed a Reverse proxy server in Go to route requests to origin server and also

**handled Thundering Herd problems using Thread Scheduling**.

1. Identified the bottlenecks in the existing DNS and implemented scalability to **reduce**

**DNS resolution latency from 28ms to 7ms**.

1. Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.

Soft Skills

Analytical | Collaborator | Leader | Adaptable

Technical Skills

1. **Programming Languages:** JavaScript
2. **Frameworks:**

Angular, React, Node, Express, Mongo

Core Competencies

Agile Methodologies



Software Development Life Cycle



Restful API



Debugging



Containerization



Web Services



Microservice Design



Performance Optimization



System Scalability



Personal Details

**Languages Known:** English, Hindi

**Address:** New Delhi

Work Experience



**Software Developer Engineer - 1**

**MAPMYINDIA, NEW DELHI** **March 2022 – Present**



**Responsibilities:**

1. Designed and implemented a Monitoring System in Django to enhance edge server

health monitoring and alerting capabilities.

1. Led the development of API's for Configuration job orchestrator in Express to communicate latest configurations to edge servers over Web socket and Python to apply the configurations on edges.
2. Collaborated with cross-functional teams to ensure seamless integration of new technologies and solutions.
3. Provided technical guidance and mentorship to junior team members, fostering a culture of continuous learning and growth.
4. Undertook the development of a DNS pipeline to optimize edge server selection based on client geo-location and ISP's BGP routing table.

**Achievements:**

1. Streamlined edge server monitoring processes, resulting in an improvement in system uptime and performance.
2. Recognized as the best performer in the team for 2023Q4, showcasing dedication and excellence in software development.
3. Identified and resolved Thundering Herd problem by implementing Thread Scheduling in Reverse proxy server.

Academic Projects

**PROJECT NAME**

**Tools:** React, Django, Docker, Arduino Programming

**Roles:** Hardware Program, Full-Stack web application, Deployment PROJECT-DESCRIPTION

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