



# Hiten Lulla


## Backend Developer

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

### Contact

 abc@mail.com

 +91 XXXXX XXXXX

 https://www.linkedin.com/xyz

### Academic Details

- Bachelor of Engineering (B.E.)  
Computer Engineering**  
SCHOOL NAME, CITY;  
CGPA: 9.15  
(PASSOUT-YEAR)

### Soft Skills

Analytical | Collaborator | Leader | Adaptable

### Technical Skills

- Programming Languages:**  
JavaScript, Python, Go
- Frameworks:**  
React, Express, Django

### Core Competencies

Agile Methodologies

Software Development Life Cycle

Restful API

Debugging

Containerization

Web Services

Microservice Design

Performance Optimization

System Scalability

### Personal Details

**Date of Birth:** 9<sup>th</sup> May 2000  
**Languages Known:** English, Hindi and Marathi  
**Address:** Mumbai, Maharashtra

### Profile Summary

- A detail-oriented professional with **experience of nearly 2 years** in back-end Software Development in the Entertainment industry.
- 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.
- Achieved a reduction in system downtime** by enhancing edge server monitoring efficiency, showcasing a strong commitment to improving system performance and uptime metrics.
- Developed a Reverse proxy server in Go to route requests to origin server and also **handled Thundering Herd problems using Thread Scheduling**.
- Identified the bottlenecks in the existing DNS and implemented scalability to **reduce DNS resolution latency from 28ms to 7ms**.
- Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.

### Work Experience

**Software Developer Engineer - 1**  
**COMPANY NAME, CITY** **June 2022 – March 2024**

#### Responsibilities:

- Designed and implemented a Monitoring System in Django to enhance edge server health monitoring and alerting capabilities.
- 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.
- Collaborated with cross-functional teams to ensure seamless integration of new technologies and solutions.
- Provided technical guidance and mentorship to junior team members, fostering a culture of continuous learning and growth.
- Undertook the development of a DNS pipeline to optimize edge server selection based on client geo-location and ISP's BGP routing table.

#### Achievements:

- Streamlined edge server monitoring processes, resulting in an improvement in system uptime and performance.
- Recognized as the best performer in the team for 2023Q4, showcasing dedication and excellence in software development.
- 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  
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