

Mothiswaran K

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SUMMARY

Software engineer with experience upto 2 years in Java Spring Boot, developing REST APIs, and UI knowledge in Angular framework. Worked with MySQL and the ELK Stack, focusing on troubleshooting and developing dashboard APIs to provide customer insights into network usage.

SKILLS

- Java
- MySQL Database
- Javascript
- Angular (Basic)
- Spring Boot
- REST API Development
- Postman API Testing
- Elastic Search ELK

EXPERIENCE

SOFTWARE ENGINEER

07/2023 - Present

Novamesh Limited - A Tata Enterprise, Chennai, India

- **ZTNA SASE Development:** Built a Zero Trust Network Access (ZTNA) and SASE solution to ensure high availability and strong network security. Problem solved: Improved server-UI communication via APIs, allowing efficient policy handling for dedicated customer pods.
- **Interactive Dashboard Design:** Created dashboards using Prometheus and ClickHouse to visualize network metrics like data usage, user insights, and performance trends. Problem solved: Made network monitoring and analysis easier by providing clear, real-time visuals.
- **Bandwidth Allocation system:** Designed and implemented a bandwidth allocation system. Problem solved: Guaranteed minimum bandwidth availability for customers while optimizing overall bandwidth distribution to enhance network performance.
- **Zscaler SSE Portal Development:** Built a Zscaler-integrated portal for secure policy management with API communication and ticketing workflows. Problem solved: Improved troubleshooting and issue tracking by providing a centralized, efficient portal.

INTERN SOFTWARE DEVELOPER

01/2023 - 07/2023

Tata Communications, Chennai, India

- Developed RESTful APIs using Spring Boot to enhance backend performance.
- Conducted testing for multiple APIs in Spring boot using PostMan/APIdog tools.

EDUCATION AND TRAINING

Bachelor of Engineering, Computer Science

04/2023

Rajalakshmi Institute of Technology, Chennai

High School, Computer Science

03/2019

Nazareth Matriculation Higher Secondary School, Chennai

LANGUAGES

Tamil: Native Proficiency

English: Advanced

Hindi: Beginner