

# Kousik Mahadeva S

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## TECHNICAL SKILLS

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**Core Languages:** Java, Javascript and EmberJs

**Tools:** Redis, ElasticSearch, Mysql, Mssql and Postgres

## RELEVANT EXPERIENCE

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### Zoho Corporation Private Limited

Jul 2020 – May 2024

*Member Technical Staff* – Chennai, Tamil Nadu

- Built features for the Enterprise cybersecurity software called Log360. It was a Full stack Developer role with experience in Redis, ElasticSearch, Postgres, Mysql and Mssql. It was built using Java, Struts, RestAPI as back-end framework and EmberJs as front-end framework.
- Build features related to ActiveDirectory Monitoring, security hardening and product upgrades. Involved in major Refactoring drives. Addressed bugs in-between.

### Zoho Corporation Private Limited

Jan 2020 – Jul 2020

*Project Trainee* – Chennai, Tamil Nadu

- Built a web application using Apache Tomcat. It was built using java and vanilla javascript. Zoho's Internal frameworks were added into the application.

### Maruttee Design

Summer 2019

*Engineer Intern* – Bangalore, Karnataka

- Built a mini GUI to monitor the health of different components of the electric auto.

### Toshniwal Instruments

Winter 2018

*Engineer Intern* – Chennai, Tamil Nadu

- We had specific requirements for a sensor. I worked on scouting for different vendors matching specification and quality, emailing them for the quotation and submitting a report of suggestion.

## PROJECTS

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### Tiny Programming Language

- I had an inch to learn how programming languages work. I tried building a programming language similar to LISP, but with very restricted functionalities. It could do basic Arithmetic operations. Object oriented is yet to be supported

### Host a Blog

- I found that blogs are a great way to share world-views between people. I wanted one. Scouted for sometime and found out that static pages could be hosted without any charges and there are frameworks to build websites as static pages. I used Hugo to build my website.
- You can take a look at it at <https://kousik-mahadeva.github.io/kousikblogs/>

## EDUCATION

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### SASTRA University – Thanjavur, Tamilnadu

Jul 2016 - May 2020

*Bachelor of Technology in Electronics and Instrumentation Engineering*

Concentration: Electronics and Instrumentation Engineering

Cumulative GPA: 8.08/10.00

### Indian Institute of Technology – Jodhpur, Rajasthan

Jul 2024 - May 2026 (Expected)

*Master of Technology in Artificial Intelligence*

Concentration: Computer Science with Specialization in Artificial Intelligence

Cumulative GPA: -