

# Kousik Mahadeva S

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## TECHNICAL SKILLS

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**Core Languages:** Java, Javascript, emberJs and tons of internal Zoho Frameworks!

**Tools:** Redis,ElasticSearch,Mysql,MSsql,Postgres and little Kafka

## RELEVANT EXPERIENCE

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### Zoho Corporation Private Limited

Jul 2020 – May 2024

*Member Technical Staff* – Chennai, Tamil Nadu

- Full Stack Developer worked on building an Enterprise cybersecurity software (SIEM product called Log360!) . It involved ElasticSearch,Redis,Relational Databases (Postgres, Mysql and Mssql) and Tons of Zoho's tools (including their own cloud service)
- Recently moved to a different team. We are now working on a new product called Arattai competing with Whatsapp and other apps on Chat Space. Similar tech stack but I spent a lot on Backend Engineering. A little of kafka, Largely Java based application with some Zoho's wrapper on RestAPIs.

### Zoho Corporation Private Limited

Jan 2020 – Jul 2020

*Project Trainee* – Chennai, Tamil Nadu

- This is when I learned about crafting softwares. I learned tools and techniques of building good software.

### Marutee Design

Summer 2019

*Engineer Intern* – Bangalore, Karnataka

- We tried building a smart cycle. I left to move back to college

### Toshniwal Instruments

Winter 2018

*Engineer Intern* – Chennai, Tamil Nadu

- Helped the company buy a sensor with particular specifications. We prepared a report on what sensor could be chosen.

## PROJECTS

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### Tiny Programming Language

- After working for sometime, I had an inch to learn how programming languages work. I found a good book which taught how to build a small trans-compiler to know how parsing would work,etc. I tried building a programming language similar to LISP , but with very restricted functionalities

### 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: -