

Kousik Mahadeva

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Education

Indian Institute of Technology, Jodhpur
M.Tech, AI.

Jodhpur, RJ
Jul 2024 - May 2026 (Expected)

SASTRA UNIVERSITY
B.Tech, EIE. GPA : 8.08/10

Thanjavur, TN
Jul 2016 - May 2020

Experience

Zoho Corporation

Chennai, TN

Member Technical Staff

Jul 2020 – May 2024

- Build features for the Enterprise cybersecurity software called Log360. It was a Full stack Developer role with experience in Redis, ElasticSearch, Postgres, Mysql and Mssql.
- Build features related to ActiveDirectory Monitoring, security hardening and product upgrades. Involved in major Refactoring drives. Addressed bugs in-between.

Internships

Zoho Corporation

Chennai, TN

Project Trainee

Jan 2020 – Jul 2020

- Build a web application using Apache Tomcat. It was built using java and vanilla javascript. I also learned about a lot of Zoho's Internal tools and tried adding them into the project.

Marutee Designs

Bengaluru, KA

Engineer Intern

Summer 2019

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

Toshniwal Instruments

Chennai, TN

Engineer Intern

Winter 2018

- 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

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/>

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.

Technical Skills

Core Languages and Programming Frameworks: Java, Javascript and EmberJs

Tools: Redis, ElasticSearch, Mysql, Mysql, Postgres