

MOHAMED AYAAN

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EDUCATION

Bachelor of Technology in Computer Science, PES University
CGPA: 9.24

2020-2024

PAPERS

- “Techniques used in time series databases and their internals (BAI24-411)”, ICBDA-2024

EXPERIENCE

Software Engineer - FullStack
BROWSERSTACK

October 2024 - Present
Bangalore, India

- Worked on 3 separate ventures in the Online Sales team that would promote product trials to assist teams learn the benefit of pro plans, which resulted in a 20% rise in monthly conversions.
- Gained extensive DevOps experience, utilizing tools such as Grafana, Sentry, and internal logging tools to maintain a 95% issue closure rate.
- Needed to work with BrowserStack products and have developed experience in them, in particular the accessibility testing tool to enable better WCAG standards for the site.

Software R&D Intern
SAMSUNG R&D INSTITUTE BANGALORE

January 2024 - July 2024
Bangalore, India

- Worked on creating a project for business intelligence teams to gain better access of data.
- Established several mechanisms to work with databases like PrestoDB, AthenaDB and MySQL databases.

Software Engineering Intern
SEGWISE AI

December 2023 - January 2024
Bangalore, India

- Automated several procedures on the site to remove redundant updates to it.
- Worked on the dashboard and assisted in achieving a more concise format for displaying data.

Software Intern
THINKERBELL LABS

June 2022 - July 2022, June 2023 - July 2023
Bangalore, India

- Worked on the first batch of "Annie" devices for the United States Market.
- Assisted in optimizing the OTA system, streamlining the update process, and reducing downtime %, resulting in improved customer satisfaction and higher engagement metrics.

Frontend Web Development Intern
CONSUMA AI

February 2022 - April 2022
Bangalore, India

- Was able to scrape information from 10,000+ products and companies from websites like G2 and Amazon.
- Ensured that the machine learning model and the site would be able to use at least 20+ different data formats by finding the most optimised formats to convert the sources into, to enable speedy communication.

PROJECTS

SysPerf: Sysperf helps developers by displaying current CPU, Memory usage and Battery health while being as light as possible so that it can be deployed on servers with minimal effort.

Cloudstore: Cloudstore is an attempt to make a FOSS e-commerce template that can be used to make your own site, coupled with load balancing and ingress controllers deployed on a K8S cluster.

Judson: A rust based service to store your abandoned projects, by zipping them and performing measures to help reduce the memory consumption.

POSITIONS

DBMS Teaching Assistant

June 2023 - September 2023

- Working with the teacher on creating assessments as well as updating the syllabus to be more relevant.

Web Development Teaching Assistant

June 2023 - September 2023

- Assisted the students with their projects, along with holding various lectures where I would explain new concepts in the field to the students.