

Yash Chauhan

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EDUCATION

SCALER ACADEMY

COMPUTER SCIENCE

Data Structures, Algorithms

Jan 2021 - Mar 2022 | Bengaluru, IN

PARUL UNIVERSITY

B.TECH IN COMPUTER SCIENCE

June 2018 - April 2022 | Vadodara, IN

CGPA: 8.23/10

HOLY ANGELS' AND CONVENT, SCHOOL

10+2 (MATHS, COMPUTER, PHYSICS CHEMISTRY)

Percentage: 88

LINKS

Facebook:// [Yash Chauhan](#)

GitHub:// [Yash Chauhan](#)

LinkedIn:// [Yash Chauhan](#)

CodeChef:// [Yash Chauhan](#)

Coding Profile:// [Yash Chauhan](#)

Twitter:// [Yash Chauhan](#)

StackoverFlow:// [Yash Chauhan](#)

COURSEWORK

UNDERGRADUATE

Data Structures Algorithms

C++ - Programming Language

Operating Systems

DBMS

Object Oriented Programming

Computer Networks

Functional Programming

(Research Asst. & Teaching Asst 2x)

Unity Engine and Scripting

SKILLS

PROGRAMMING

Over 10000 lines:

Golang • Javascript • Shell

• React • Node

Over 3000 lines:

C • C++ • CSS • GraphQL

Databases:

PostgreSQL • Pinotdb • MySQL

EXPERIENCE

ALTAIR ENGINEERING | SOFTWARE ENGINEER

April 2022 - Present | Bangalore

- Contributed to implementing RFEs and bug fixes.
- Migrated a daemon Micro-service from Java to Golang and decrease the CPU utilization by 200% to 80%, which is responsible to control the entire life cycle of the back end.
- Working on creating a prototype for GraphQL Implementation in the dashboard feature.
- Full-stack developer - Wrote and reviewed code for Golang and ReactJs

ALTAIR ENGINEERING | SOFTWARE ENGINEERING INTERN

June 2021 - March 2022 | Bangalore

- Worked on learning Altair Access which is a simple, powerful, and consistent interface for submitting and monitoring jobs on remote clusters, clouds, and other resources.
- Worked on creating a prototype for predicting resource and time requirements for the job to ensure efficient HPC utilization.
- Worked on learning Altair Access which is a simple, powerful, and consistent interface for submitting and monitoring jobs on remote clusters, clouds, and other resources.

PROJECTS

EXECUTOR | MICROSERVICE

Altair Engineering, Project

The executor service role is to sync data from the PAS server and update the database with all the new information. It handles the entire life cycle of a job from execution to deletion.

Migrated an entire Micro-service from Java to Golang and decrease the CPU utilization by 200% to 80%.

OCE - ONLINE CODE EDITOR | GITHUB

Javascript, Reactjs, Bootstrap, Netlify, Azure

Like many live code playgrounds, OCE is an online code editor for testing and displaying HTML, CSS, and JavaScript code snippets by users just like CodePen.

Users can also change the modes into dark & light.

Its core functionality is that it allows you to write code in the browser and view the results as you go. Since it has a web-based code editor, you can change your code and see the result immediately, which allows quicker debugging.

NASA EARTH OBSERVATORY NATURAL EVENT TRACKER |

GITHUB

Javascript, Reactjs, Bootstrap, Netlify, NASA API

It fetches the data from NASA EONET via API and displays in the Google map. Data: Wildfire, Tropical Cyclone, and Iceberg.

PUBLICATIONS

[1] A. Jain, D. Das, and A. Saxena. Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback. *Tech Report, ICRA*, in press.

[2] S. Tilsen, D. Das, and B. McKee. Real-time articulatory biofeedback with electromagnetic articulography. *Linguistics Vanguard*, in press.