

# Aryan Jain

rockarya.github.io

jainarya2001@gmail.com

+91-8824695093

@Rockarya

in/Aryan Jain

## EDUCATION

### IIIT HYDERABAD

#### B.TECH. IN COMPUTER SCIENCE

Aug 2019 - May 2023

Hyderabad, India

CGPA: 8.27 / 10.0

Max GPA: 8.89 / 10.0

### AKLANK PUBLIC SCHOOL

#### SENIOR SECONDARY

2018 - 2019 | Kota, Rajasthan

CBSE XII Board: 92.60 %

## COURSEWORK

- Data Structures & Algorithms
- OS & Networks
- Database Management & Applications
- Design & Analysis of Software Systems
- Distributed Systems
- Statistical Methods in AI
- Information Retrieval and Extraction
- Linear Algebra
- Probability & Statistics
- Introduction to NLP
- Computer Vision

## SKILLS

### LANGUAGES & SCRIPTING

- Java
- C/C++
- Python
- JavaScript
- Bash
- HTML

### FRAMEWORKS

- Node.js
- React
- Express
- Bootstrap

### MISCELLANEOUS

- MySQL
- MongoDB
- Git
- Three.js (WebGL)
- OpenGL
- LaTeX

## TEACHING ASSISTANT

- Teaching Assistant for course *Principles of Information Security*.
- Mentored 100+ students, conducted doubt sessions, and evaluated assignments.

## ACHIEVEMENTS

- Secured AIR 841 in *JEE Mains 2019*.
- Secured AIR 2112 in *JEE Advanced 2019*.
- *KVPY Fellowship* awardee in *2018*.
- Qualified for *NTSE Stage-2* in *2016*.

## EXPERIENCE

### SALESFORCE

#### Software Engineer II | August 2024 - Present | Hyderabad

- Built a POC for *Async Report Execution* that improves EPT, especially for large reports (*400k+ records*), by storing report results as reportInstances and avoiding DB sync calls on every report run. This *significantly improved* the EPT by *60%*, bringing it down from *~6s to ~2.5s, reducing DB load, saving Data Cloud credits*, and was *selected for productionization*.
- Designed & Delivered an *AI-powered "ReportSME" agent* within the AiAppDev framework that converts natural-language business requirements into fully configured *Salesforce Reports & Custom Report Types*, automating *requirements analysis, metadata generation, and end-to-end report creation*—significantly reducing manual report creation effort and accelerating *data insights*.
- Added support for *SDM Reports Packaging* by *Spidering* dependent report and dashboard components and migrating associated metadata across Salesforce Orgs, supporting *monthly 115k+ Reports & 33k+ Dashboards*.
- **Mentored & Onboarded** junior engineers, enabling faster ramp-up on product, system design, and codebase through code reviews, best practices, and resolving complex issues.

#### Software Engineer I | July 2023 - August 2024 | Hyderabad

- Designed & Implemented *Smart Total Toggle* for Data Cloud Reports, that applies *de-duping* during report aggregation to prevent double-counting in subtotals and totals, improving reporting accuracy for *65k+ monthly active users*.
- Designed and Built *FeedMate*, a *hackathon* project that improves *developer productivity* by summarizing long, nested chatter feed conversations of work items using *Einstein LLM* with a single click.
- Improved *customer trust* and *platform reliability* by timely resolution of *10+ critical customer investigations*, fixing *20+ P0-P2 issues*, and closing key accessibility gaps.

#### Software Engineering Intern | June 2022 - July 2022 | Hyderabad

- Developed *Dynamic filter functionality* for Dashboards in the Salesforce web-app which adds the new filter value in the filter via URL parameters. This helps the dependent teams to *programmatically* pass the desired filter value through URL parameters and see the dashboard in action using a single click.

## SELECTED PROJECTS

### WIKIPEDIA SEARCH ENGINE | Aug 2021 - Sep 2021 | Python

- Developed a *scalable* search engine on 80GBs of XML wiki dump with search time less than 6 seconds by applying *merge-sort* to create *scalable inverted index* and ranked documents according to their *tf-idf* scores.

### JOB PORTAL | Jan 2021 - Feb 2021 | ReactJS, MongoDB, NodeJS, Express

- Developed a *REST*-based *MERN* web application enabling recruiters to create job listings and applicants to apply for roles, with a *modular* backend and a *component-driven* React frontend.

### C SHELL | Aug 2020 - Sept 2020 | C

- Created a Unix based *CLI* interface using syscalls, which supports multiple commands per line, chained redirection, piping, signaling etc.