

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.