

Aryan Jain

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@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
- Introduction to NLP
- Computer Vision
- Information Retrieval and Extraction
- Linear Algebra
- Probability & Statistics

SKILLS

LANGUAGES & SCRIPTING

- C • C++ • Python
- HTML5 • Javascript
- Coffeescript • Bash

FRAMEWORKS

- Node.js • React
- Express • Bootstrap

MISCELLANEOUS

- MySQL • MongoDB
- Git • Three.js(WebGL)
- OpenGL • Latex

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.

COMPETITIVE CODING

- Reached a peak rating of **1715** on CodeChef and **1511** on Codeforces.
- CodeChef handle: **rockarya_iiith**
- Codeforces handle: **Rockarya_IIITH**

EXPERIENCE

SALESFORCE SUMMER INTERN | FULL STACK DEV. INTERN

June 2022 - July 2022 | Salesforce, Hyderabad | Coffeescript, Java

- Added *Dynamic filter functionality* in the Salesforce web-app to reduce the cumbersome task of adding new filter values.
- Learned how *software development* is done in big enterprises and about the *team collaboration*.

EBOOK READER & TRANSLATOR | FULL STACK DEV. INTERN

Jan 2021 - Apr 2021 | Product Labs of IIIT Hyderabad | MERN Stack

- A *MERN* webapp co-built by me with my team-mates that can translate an uploaded English book PDF to Hindi/Telugu language.
- Implemented cookie based authentication system, PDF rendering to front-end, the task of front-end beautification and integrated back-end to the front-end with my team.

TEACHING ASSISTANT | PRINCIPLES OF INFORMATION SECURITY

Jan 2023 - April 2023 | IIIT Hyderabad

- My responsibilities included conducting quizzes, assisting the professor with preparing course materials, working closely with project teams to provide guidance and feedback on their work.

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.
- Applied *merge-sort* to create scalable inverted index and ranked documents according to their *tf-idf* scores.

JOB PORTAL | Jan 2021 | ReactJS, MongoDB, NodeJS, Express

- Developed a Web Application following *REST* principles based on *MERN* stack.
- Recruiters from various companies can create job listings based on their requirements whereas applicants have the option to apply for different job profiles.

BRICK BREAKER GAME | Feb 2021 - Mar 2021 | Python

- Built an arcade terminal-based game(similar to classic brick breaker), following *OOPS* concepts, therefore making it extensible to new features.

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.

COACHING DATABASE | Sept 2020 - Oct 2020 | MySQL

- Developed a terminal based Database Management System, for Coaching Industry using MySQL and built a *CLI* using Python PyMySQL.
- The CLI covers all *CRUD* operations along-with special query functions like min/max/sex-ratio etc.