Aryan Jain

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SUMMARY

I am a Software Engineer with 2.5+ years of experience building scalable data and reporting systems, AI-powered developer tools, and performance-optimized backend services for enterprise platforms.

SKILLS

Languages: Java, C/C++, Python, JavaScript, Bash, HTML, CSS
Frameworks: Spring, React, Node.js, Bootstrap, Express
Databases: MySQL, MongoDB
Tools & Infrastructure: Git, Jest, Bazel, Splunk

EDUCATION

IIIT HYDERABAD
B.Tech. in Computer Science
Aug 2019 -- May 2023 | Hyderabad, India
CGPA: 8.27 / 10.0

AKLANK PUBLIC SCHOOL
Senior Secondary
2018 -- 2019 | Kota, Rajasthan
CBSE XII Board: 92.60%

TEACHING ASSISTANT

- Teaching Assistant for *Principles of Information Security* at IIIT Hyderabad.
- Mentored 100+ students through conceptual discussions, doubt sessions, and evaluations.

ACHIEVEMENTS

- AIR **841** in *JEE Mains 2019*
- AIR **2112** in *JEE Advanced 2019*
- *KVPY Fellowship* Awardee (2018)
- Qualified *NTSE Stage-2* (2016)

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

EXPERIENCE

SALESFORCE

Software Engineer II | Aug 2024 – Present | Hyderabad

- Built a *Proof of Concept* for *Async Report Execution* that improves EPT for large reports (*400k+ records*) by storing report results as reportInstances and avoiding DB sync calls. This *significantly improved* EPT by *60%*, reducing it from *~6s to ~2.5s*, reducing DB load, credit consumption and was *selected for productionization*.
- Designed & delivered an *AI-powered "ReportSME" agent* 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.
- Added support for *SDM Reports Packaging* by spidering dependent reports and dashboards and migrating associated metadata across Salesforce orgs, supporting *115k+ monthly reports & 33k+ dashboards*.
- Built an *end-to-end data pipeline* to transform raw application logs into a structured dataset for usage and consumption analytics, enabling metrics such as *opt-in and opt-out organizations*, report creation, and execution counts across different data cloud object types.
- *Mentored & onboarded* junior engineers via code reviews, best practices, and system design guidance.

Software Engineer I | Jul 2023 – Aug 2024 | Hyderabad

- Designed & implemented *Smart Total Toggle* for Data Cloud Reports, preventing double-counting during aggregation and improving accuracy for *65k+ MAU*.
- Built *FeedMate*, a *hackathon* solution that improves *developer productivity* by one-click summarization of long, nested Chatter feeds using *Einstein LLM*.
- Resolved *10+ critical investigations* and fixed *20+ P0–P2 issues* by analyzing production logs and metrics using *Splunk*, improving customer trust and platform reliability.

Software Engineering Intern | Jun 2022 – Jul 2022 | Hyderabad

- Developed *dynamic filtering* for Salesforce dashboards, enabling *100+ teams* to programmatically pass filter values via URL parameters and view dashboards with a single click.

SELECTED PROJECTS

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

- Built a *scalable* search engine on an 80GB XML Wikipedia dump using *merge sort*-based inverted indexing and *tf-idf* ranking with sub-6s query time.

JOB PORTAL | Jan 2021 -- Feb 2021 | MERN

- Developed a *REST*-based *MERN* web application enabling recruiters to post jobs and applicants to apply via a modular backend and component-driven React frontend.

C SHELL | Aug 2020 -- Sep 2020 | C

- Implemented a Unix-based *CLI* shell supporting piping, redirection, signaling, and multi-command execution using system calls.