



Aayush Joshi Associate Trainee



Professional Summary:

Computer science graduate with expertise in Python, Java, and Cloud Platforms. Proven ability to deliver innovative software solutions and lead projects. Effective communicator and leader with hands-on experience in data science and web Development

Skills Snapshot:

Technical Skills	Python, Java, SQL and NoSQL DB, Google Cloud Platform Numpy, Pandas, Flask, REST, Git/GitHub, Java Swing, JDBC
Functional Skills	Software project management, Application development and deployment, Data Structure and Algorithms.

Education Details:

Qualification	Educational Institution
B.Tech. CSE	Mahakal Institute of Technology (8.41 CGPA)
Higher Secondary (12 th) CBSE	Ryan International School, Ghaziabad (92.4%)
Secondary (10 th) CBSE	Ryan International School, Ghaziabad (82.4%)

Detailed Professional Experience:

Current Organization	Associate Trainee - Yash Technologies Pvt. Ltd. (April 2024 – Present)
Previous Organizations	1. Intern – Webyaan (July 2023 – August 2023) 2. Project Intern – Solid State Physics Laboratory (DRDO) (September 2022 – October 2022)

Detailed Project Experience:

Project 1	February 2024
Client Name	Kriyeta 2.0 National Hackathon
Project Name	Cartoon.ecommerce
Team Size	5
Role	Project Manager, Machine Learning Developer
Environment	Python, Flask, Numpy, Pandas, React JS, Mongo DB, Express JS, Firebase, Vercel (Hosting).



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Brief Description of Project: [Github Link](#)

Cartoon.ecommerce is an E-commerce application integrated with two ML models, Book Recommendation and Reverse Image Search, Frontend of the Application is Based upon MERN stack using Framer Motion and MUI components, for the integration of ML model Flask is used .

Contributions:

Implemented a collaborative filtering-based recommendation system and Reverse Image Search, enhancing user engagement and satisfaction, trained on 11 lakh user ratings and 17000 Images, used Flask for Python backend

Project 2	July 2023 - Present
Client Name	Personal Project
Project Name	Chess with Chess Bot
Team Size	1
Role	Java Developer
Environment	Java, Java Swing, JSP

Brief Description of Project/Contribution: [Github Link](#)

- **Chess AI Development:** Developing a Java Chess project with an AI bot using the Minimax algorithm.
- **User-Friendly Customization:** Implementing AI difficulty settings, Swing UI, and Two Player Functionality using JSP.

Project 3	September 2022 - October 2022
Client Name	Solid State Physics Laboratory – DRDO
Project Name	Chess with Chess Bot
Team Size	1
Role	Java Developer
Environment	Java, Java Swing, JSP

Brief Description of Project/Contribution:

- Developed a cross-platform, multi-format file Encryption and Decryption Application, utilizing SHA algorithms.
- Created an intuitive Java Swing UI and wrapped the JAR file with Launch4j for native Windows executability and user experience.