

Aaditya Aakarsh

Software Developer

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Summary

Skilled software developer with expertise in Java, Python, and JavaScript, focused on building efficient, real-time applications. Strong in data structures, algorithms, and system design, with hands-on experience in API integration and multithreading.

Education

Bachelors of Computer Science and Engineering,

Galgotias University

CGPA:8.05

09/2022 - present

Senior Secondary Education,

Delhi Public School,CBSE

Percentage: 80.8

06/2019 - 05/2021

Secondary Education/Matriculation,

Assembly of God Church School,CBSE

Percentage: 70.6

06/2019 - 05/2018

Skills

Programming languages: Java, Python, C++, JavaScript.

Frameworks and Libraries: SpringBoot, OpenCV, Mediapipe.

Concepts and methodologies: Strong problem solving in data structures and algorithms.

Software Development: Object-Oriented Programming(OOPs),REST, API's, multithreading, relational database, web development and design principles.

Databases: MySQL, Sql, MySQLWorkbench, relational databases.,

Web Technology: HTML5, CSS, Js,Servlets, JSP, Hibernate.

Tools: Git, Git-Hub, Postman API, MS-Excel.

Soft Skills: Strong communicator, detail-oriented, dependable and organised, quick to adapt to new tools and frameworks, and changing project needs.

Projects

REDIS using Java

Remote Dictionary Server, a real time data caching system.

Used Java Sockets for client-server communication, handling TCP requests and responses.

Implemented core Redis commands: SET, GET, DEL, with TTL for key expiry.

Designed efficient data storage with HashMap and custom eviction logic.

Real-time Weather App using Python

Real time weather using Python programming language and Python libraries like tkinter for GUI.

Real-time weather report using weather API.

Learned how to use API and how to integrate it within the project.

Gained insight into how to design GUI using Python.

Internships

Cloud Virtual Internship

AWS

JAVA foundations

ORACLE

DATABASE Programming with SQL

ORACLE

Certifications

IIT affiliated Software Engineering - NPTEL

Top 5% performer

Gained knowledge about software development life cycle, different types of development models and architectures and testing methodologies.

Cloud Virtual Internship - AWS

Learned about different cloud deployment models like IaaS, Paas, SaaS and aws cloud services like EC2, RDS, lambda.