

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.