

SYED ADIL ALI

Full Stack Developer | Java | JavaScript | TypeScript | SQL

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PROFESSIONAL SUMMARY

Full Stack Developer skilled in Java, JavaScript, TypeScript, and SQL with a strong foundation in OOP, Data Structures, and DBMS. Experience building database-driven applications and interactive web interfaces. Also worked on machine learning-based academic projects involving data analysis and predictive modeling.

TECHNICAL SKILLS

Languages: Java, JavaScript (ES6+), TypeScript, Python

Frontend: HTML5, CSS3, Bootstrap

Backend: JDBC, OOP

Database: SQL, MySQL

Concepts: Data Structures, DBMS

Tools: Git, GitHub, VS Code

PROJECTS

- **Fragmentation Analysis Using Artificial Intelligence** – Built image-processing system to analyze size distribution of blasted rock fragments; applied digital image-processing techniques for pattern recognition; generated analytical outputs for fragment size estimation.
- **Cancer Prediction in Early Stages Using Machine Learning** – Created classification-based predictive model using decision tree and ensemble algorithms; analyzed structured medical datasets; structured preprocessing and feature selection workflows.
- **DevTrack 360 Dashboard** – Engineered responsive interface using HTML5, CSS3, Bootstrap, and JavaScript; created modular UI components; designed MySQL relational schema; structured backend logic using Java OOP principles.
- **Employee Management System** – Built CRUD-based employee record system using Core Java and JDBC; designed normalized database tables; executed SQL queries using JOIN and aggregate functions.
- **TaskFlow** – Created task management features using DOM manipulation; applied TypeScript for type-safe development; managed persistent data using browser storage.
- **Dynamic Data Dashboard** – Implemented filtering and sorting for interactive datasets; organized frontend logic using reusable JavaScript functions.
- **Student Result Management System** – Built academic record management application; generated reports using SQL queries; maintained relational integrity with primary and foreign keys.

EXPERIENCE

- **Data Science & AI Intern – YBI Foundation** – Analyzed 5,000+ structured records for predictive modeling; improved model performance through feature engineering; streamlined preprocessing workflows.
- **Data Analytics Intern – AICTE EduSkills** – Automated reporting workflows; extracted structured insights from datasets; supported validation and data cleaning tasks.

EDUCATION

B.Tech – Computer Science & Data Science | QIS College of Engineering | CGPA: 7.7