Aditya Singh

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Professional Summary

Computer Science Engineer with a B.Tech in Computer Science and Engineering and a Post Graduate Certificate Programme in Advanced Computing (PGCP-AC) from C-DAC Pune. Strong foundation in Core Java, OOP, Data Structures, DBMS, REST APIs, and SQL, with hands-on experience in Spring Boot, Spring Security, Hibernate, React.js, and MySQL. Developed a full-stack microservices-based Smart College ERP using Java and Spring Boot, implementing secure REST APIs, JWT authentication, API Gateway, and role-based access. Seeking an entry-level Software Developer / Java Developer role to build scalable applications and contribute to a collaborative engineering team

Industry Training

Post Graduate Certificate Programme in Advanced Computing (PGCP-AC) **Feb 2026 – Aug 2026**

Centre for Development of Advanced Computing (C-DAC ACTS), Pashan, Pune

- Completed an intensive 24-week full-time program focused on industry-oriented software development.
- Developed hands-on expertise in Core Java, J2EE, Spring Boot, Hibernate, .NET, React.js, MySQL, and Data Structures & Algorithms.
- Strengthened knowledge of OOP, DBMS, Operating Systems, REST APIs, Web Technologies, and Software Development Life Cycle.
- Gained practical experience through programming assignments, lab exercises, and full-stack application development.
- Participated in C-DAC's Common Campus Placement Programme (CCPP).

Technical Skills

Languages: Java, JavaScript, TypeScript, C++, C, HTML, CSS, SQL
Frameworks: Spring Boot, Spring MVC, Spring Security, Spring Cloud, Hibernate, ReactJS, Redux
Databases: MySQL, MongoDB
Tools: Git, GitHub, Docker, Postman, VS Code, Eclipse, Visual Studio, MySQL Workbench
Core Concepts: DSA, OOP, DBMS, OS, SDLC, Agile, REST APIs, Microservices, System Design

Projects

Smart College ERP | *Java 17, Spring Boot, Spring Cloud, React.js, MySQL*

- Developed a full-stack microservices-based College ERP to streamline academic and administrative operations for Admin, Faculty, Student, and Parent users.
- Built secure RESTful APIs using Java 17, Spring Boot, Spring Data JPA, Spring Security, JWT, and MySQL
- Implemented API Gateway and Eureka Server for request routing and service discovery across microservices.
- Developed a responsive React.js frontend with role-based authentication, dashboards, attendance tracking, and marks management.
- Containerized application services using Docker Compose and managed the multi-module project using Maven.

Certifications

Java Programming – Beginner to Master (Udemy Certified)
C++ Programming – Beginner to Advanced: Deep Dive in C++ (Udemy Certified)
Full Stack Java Dev – Java JSP Spring Boot JS React (Udemy Certified)

Education

Post Graduate Certificate Programme in Advanced Computing (PGCP-AC) **Feb 2026 – Aug 2026**
Centre for Development of Advanced Computing (C-DAC ACTS), Pune **79.13%**

B.Tech - Computer Science and Engineering **2022 – 2025**
Technocrats Institute of Technology, Bhopal (RGPV) **77.8%**

Diploma - Computer Science and Engineering **2019 – 2022**
Sardar Vallabhbhai Patel Polytechnic College, Bhopal (RGPV) **81.1%**

Higher Secondary Education (Class X) **2017 – 2018**
D.A.V. Sr. Sec. Public School, Nigahi (CBSE) **62.8%**

Achievements

Chess Champion – Winner of School-level Chess Championship
Top Performer – Selected among top-performing diploma students for technical workshops.
Academic Excellence – Secured 81.1% in Diploma (RGPV)