Radhika Aggarwal

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EXPERIENCE

BLACK

NITTTR Bhopal
July 2024 – Dec 2024

Web Developer Intern — *Bhopal, Madhya Pradesh*

- Developed a dynamic session-based PoC report generation system using Java Servlets and JSP.
- Implemented MySQL database switching via a reusable 'DBConnectionDTO' class.
- Boosted reporting efficiency by 60% with optimized queries and service layers.
- Designed a clean JSP UI with dropdowns and multi-report integration on a single page.

PROJECTS

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LRVS E-commerce Website
July 2025 – Present

ReactJS, JavaScript, HTML, CSS, Node.js, Express.js, MongoDB — *https://github.com/itsradhika99/lrvs*

- Developed a dynamic full-stack e-commerce site with user authentication, cart, and order tracking.
- Integrated MongoDB and Express.js for RESTful backend services with responsive React frontend.

PoC Report Generation System
Aug 2024 – Present

Java Servlets, JSP, MySQL, HTML/CSS, Apache Tomcat *https://github.com/itsradhika99/poc-report-generation*

- Built session-wise academic reporting system for NITTTR Bhopal with multi-database integration.
- Created modular structure with reusable service layers and UI components.

Online Book Store System
May 2025 – June 2025

.NET, C#, Razor Pages, SQL Express — *https://github.com/itsradhika99/OnlineBookStore*

- Created an ASP.NET bookstore website for CRUD operations on book inventory and order management.
- Used SQL Express for backend data storage and implemented user login with Razor Pages.

Student Management System
July 2024

Java, JDBC, MySQL, Eclipse

- Implemented CRUD features to manage student data using Java and JDBC.
- Built command-line interaction and tested SQL-based operations.

Banking System (Console Based)
June 2024

Java, OOP Concepts

- CLI-based banking application that supports deposits, withdrawals, and balance checks.

TECHNICAL SKILLS

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Languages: Java, C#, JavaScript, HTML, CSS, SQL
Frameworks/Tech: ReactJS, Node.js, Express.js, Razor Pages, JSP, Servlets, JDBC, Apache Tomcat
Databases: MySQL, SQL Express, MongoDB
Tools: Eclipse, Visual Studio, VS Code, Git, MySQL Workbench
Concepts: OOP, DBMS, REST API, Web Development

EDUCATION

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Banasthali Vidyapith
July 2021 – May 2025

B.Tech in Computer Science — *GPA: 8.51/10.00*

Vaish Model Sr. Sec. School
2020 – 2021

Senior Secondary (CBSE) — *Percentage: 96.4%*

ACHIEVEMENTS
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Top 5 Rank in Banasthali Coding Contest (2024) out of 200+ participants.

Java Programming and Software Engineering Fundamentals – Coursera (Duke University)

Web Development with HTML, CSS, JavaScript – Udemy

Led coding workshops as part of Banasthali Coding Club (Java, Web, Algorithms)