

SURAJ KUMAR

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Education

Trident Academy of Technology <i>Bachelor of Technology in Computer Science</i>	Nov. 2022 – May 2026 <i>Bhubaneshwar, Odisha</i>
+2 High School Tisri Barahmasiya <i>Intermediate in Science</i>	May. 2019 – May 2021 <i>Giridih, Jharkhand</i>
High School Tisri Barahmasiya <i>Secondary</i>	May. 2018 – May 2019 <i>Giridih, Jharkhand</i>

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Internet Technology
- Computer Architecture
- Software Methodology
- Database Management
- Systems Programming

Projects

Business Management Web Application <i>Java, Spring Boot, Thymeleaf, MySQL</i>	NOV 2024
<ul style="list-style-type: none">• Spring Boot: Backend framework for developing Java-based web applications to manage business operations.• Thymeleaf: Server-side Java template engine for generating dynamic and user-friendly HTML templates.• MySQL: Relational database system for managing customer data, inventory, and orders.• Role-Based Access Control: Implements roles and permissions for secure user access.• Features: Customer, inventory, and order management with secure login and authentication for admins and staff.• Tools/IDE: Spring Tool Suite 4 (Eclipse) for development and testing.	
E-Commerce Website <i>Java, SpringBoot, Hibernate,Bootstrap,jQuery,Thymeleaf,MySql</i>	Oct 2024
<ul style="list-style-type: none">• Spring Boot: Backend framework for developing Java-based microservices and web applications.• Thymeleaf: Server-side Java template engine for rendering dynamic and user-friendly HTML pages.• Hibernate: ORM framework for seamless interaction between Java objects and MySQL database.• MySQL: Relational database system used for managing product, customer, and order data.• Bootstrap: Frontend CSS framework for creating responsive and mobile-friendly layouts.• jQuery: JavaScript library for enhancing UI interactivity and AJAX-based communication.• Tools/IDE: Spring Tool Suite 4 (Eclipse), Git for version control, and Postman for API testing.• Features: Admin and Shopping applications with payment integration, shopping cart, user authentication, and reporting.• Deployment: Hosted on Heroku with Amazon S3 for file storage and PayPal API for secure payment processing.	

Technical Skills

Frontend Technologies: HTML/CSS, JavaScript,Bootstrap,React,Thymleaf
Backend Technologies:Java (OOP, Enterprise Applications) Spring Boot, Spring Framework, Spring MVC Hibernate (ORM) Servlet, JSP Spring Security (Authentication Authorization) RESTful Web Services (JSON APIs) MySQL (Schema Design, Query Optimization) JUnit, Mockito (Testing Frameworks)
Tools:Git, Maven, Gradle Spring Tool Suite (STS), Eclipse, IntelliJ IDEA

Certification

NPTEL Online Certification in Programming in Java	(Jan-Apr 2024)
<ul style="list-style-type: none">• Earned NPTEL Elite Certification for successfully completing the Programming in Java course (Jan-Apr 2024).• Achieved a consolidated score of 64% in a 12-week program conducted by IIT Kharagpur under the SWAYAM initiative.• Completed comprehensive modules on Java programming, including object-oriented concepts, exception handling, and multithreading.	