



Ojas Tyagi

Software Developer

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- 🌐 ojasvatstyagi.github.io/Portfolio/

Education

- **Amrita Vishwa Vidyapeetham Bengaluru, Karnataka**
B. Tech in Computer Science
Jan, 2022 - Present
- **Anand Swaroop Arya Saraswati Vidya Mandir**
12th Grade with PCM | Percentage: 94.00%
Completed in 2021
- **Anand Swaroop Arya Saraswati Vidya Mandir**
10th Grade with PCM | Percentage: 93.40%
Completed in 2019

About Me

A dedicated technologist with a profound passion for innovation and a solid foundation in web development, Java programming, and database management. Eager to leverage my skills and experience in a dynamic role that helps growth and real-world impact.

Internship

Project Intern at Infosys Springboard
May, 2024 - Jul, 2024

- Focused on developing a Java Spring Boot application for the Flight Management System.
- Created login and sign-up with email verification.
- Collaborated with buddy mentors and project mentor Suramya Biswas.
- Skills used: Java, Spring Boot, JSP, Eclipse IDE.

Projects

Flight Management System

Developed using Java Spring Boot, MongoDB

- Created RESTful services for managing flight details, users, and bookings.
- Integrated Spring Security with BCrypt for secure user authentication.
- Optimized database interactions using MongoDB.

Camera Placement Optimization

Java

- Designed a Java program to optimize the placement of cameras on a graph using a grid traversal approach.
- Ensured maximum node coverage through efficient calculations of camera positions.

Tour and Travel Application

Java, Swing, JDBC

- Developed a desktop application for managing personal details, packages, hotel bookings, etc.
- Utilized a dynamic database to provide real-time data management.
- GitHub: [<https://github.com/ojasvatstyagi/Travel--Management-Application--JavaSwing>]

Technical Skill

- **Programming :**
 - Java
 - HTML
 - CSS
 - JavaScript
 - PHP
- **Frameworks & Tools:**
 - Spring Boot
 - Spring Framework
 - JSP
 - Eclipse IDE
 - Git & GitHub
 - VS Code
- **Databases:**
 - MySQL
 - MongoDB

Soft Skill

- Team Management
- Collaboration
- Communication
- Problem-Solving

Languages

- Hindi
- English

J.A.M.E.S (Judicial Administrative Management System)

HTML, CSS, PHP, JavaScript, SQL

- Built a legal management system with secure user authentication.
- Ensured efficient data processing for judicial management.
- GitHub: [<https://github.com/ojasvatstyagi/J.A.M.E.S-DBMS-Project>]

Student Help Desk Website

HTML, CSS

- Designed a user-friendly website to provide academic resources and support for batchmates.
- GitHub: [<https://github.com/ojasvatstyagi/Student-Helpdesk-Basic-WebDep>]

Certifications

- Infosys | Young Java Professional Certification
 - Comprehensive training in Java programming, focusing on best practices and efficient coding techniques.
- Hacker Rank | Programming using Java
 - Developed proficiency in Java, including core concepts and advanced topics.
- Infosys | Database Management System
 - Gained expertise in database design, management, and SQL queries.
- Udemy | Linux and Shell Scripting
 - Acquired skills in Linux operating systems and shell scripting for automation.
- FreeCodeCamp | JavaScript Algorithms and Data Structures
 - Enhanced understanding of JavaScript algorithms and data structures.
- Coursera | Java FullStack Developer
 - Learned to develop web applications using HTML, CSS, Angular, and how to setup backend using Spring & SpringBoot.

Extra-curricular Activities

- Participated in various coding competitions and hackathons, showcasing problem-solving skills and innovation.
- Active college tech club member, organizing workshops and seminars on emerging technologies.
- Obtained NCC B Certificate after completing rigorous physical and academic examinations in 2021.
- Secured 2nd place while representing the Computer Science Engineering department in handball interdependent.
- Played for the college cricket team, contributing to team strategy and performance through strong collaborative skills.