

## INTERNSHIP EXPERIENCE

### FULL-STACK INTERNSHIP | Pregrad

AUGUST 2023 – NOVEMBER 2023

- Acquired strong foundational knowledge of HTML, CSS, and JavaScript for building structured and responsive web pages.
- Gained hands-on experience with React JS, understanding component-based architecture and modern front-end development practices.
- Implemented basic UI features and layouts, focusing on usability and clean code structure.

### BOOTCAMP IN DATA VISUALIZATION | Sharda University

JULY 2025-AUGUST 2025

- Completed a bootcamp in Data Visualization using Power BI and Computer Fundamentals.
- Designed interactive dashboards and analytical reports in Power BI to present data-driven insights effectively.
- Learned data preprocessing, cleaning, and visualization techniques to improve data accuracy and interpretation

## PROJECTS

### Book-Shelf – Digital Library Platform

- Technologies: Java, HTML, CSS, JavaScript
- Built a responsive digital library web application with features like book search, user authentication, and category-based filtering.
- Optimized UI workflows and frontend performance, improving user navigation efficiency and overall user experience.
- Implemented structured code practices to ensure scalability and maintainability of the application.

### Virtual Try-On – Revolutionizing the Online Shopping Experience

- Technologies: Java, HTML, CSS, JavaScript, PHP, OpenCV, Flask, MySQL
- Designed a virtual try-on system using OpenCV and real-time webcam input to help users visualize clothing before purchase.
- Developed backend REST APIs using Flask and managed user data securely with MySQL.
- Visualized performance and usage metrics using Seaborn, enabling better analysis of system efficiency and user interaction patterns.

### RideMate – Campus Ride-Sharing Platform g(Ongoing)

- Built a secure campus ride-sharing platform using React.js, Django REST Framework, and PostgreSQL, allowing only verified students and faculty through institutional ID authentication.
- Implemented an intelligent ride-matching algorithm based on route overlap and flexible time windows, improving match efficiency and reducing individual commuting costs.
- Designed JWT-based authentication, role-based access control, admin monitoring, and user reporting features, enhancing platform safety, reliability, and accountability.

### Java Swing Student Management System – Desktop Application

- Designed an interactive Power BI dashboard to analyze student data, including enrollment details, performance metrics, and course-wise insights.
- Performed data cleaning, preprocessing, and transformation using Power Query to ensure accurate and consistent reporting.
- Implemented dynamic visualizations (charts, slicers, filters) to enable quick decision-making and improve data interpretation.

## SKILLS

**Tech Stack:** HTML, CSS, JavaScript, Java, React.js, Node.js, MySQL, Power BI

**Tools:** Git, GitHub, Linux, VS Code.

## CERTIFICATIONS

Power BI, MERN Stack, Oracle Cloud Infrastructure (OCI) AI Foundations Associate

## EDUCATION

- BACHELOR OF TECHNOLOGY (INFORMATION TECHNOLOGY) - SHARDA UNIVERSITY 2022-2026  
CGPA: 8.02/10

- Distinguished member of the university's Tech Society