

# PALLAVI DEOGADE

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## EDUCATION

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### Master of Science in Information Systems

Northeastern University, Seattle, US

Sept 2022 – Expected 2024

**Courses:** Application Engineering & Development in Java, Web Design & User Experience, Program Structures and Algorithm, Web Development Tools and Methods using MERN stack

### Bachelor of Engineering in Information Technology

Yeshwantrao Chavan College of Engineering, Nagpur, India

Aug 2015 – May 2018

**Courses:** Computer Networks, Database Management Systems, Distributed Systems, Object Oriented Programming, Operating Systems, Software Engineering

## TECHNICAL KNOWLEDGE

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- **Languages:** Java, JavaScript, TypeScript
- **Web Technologies:** HTML5, CSS3, React, Redux
- **Testing Technologies:** Learning Management System, Web Engage, Firebase, Selenium

## PROFESSIONAL EXPERIENCE

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### Testbook Edu Solutions, Mumbai, India

June 2020 – May 2022

Software Engineer

**Technologies:** Java, React, TypeScript, Firebase

- Worked with Textbook's product team in an agile environment to develop, enhance and maintain [testbook.com](https://testbook.com) websites' front-end and back-end in CI/CD manner
- Developed multiple reusable components using **React, TypeScript, CSS** in a responsive manner which improved the user experience of the website
- Improved existing code & solved minor and major bugs in transaction APIs which reduced the bugs by 20% in the API
- Implemented unit tests using **JUnit** for testing which increased the overall test coverage of the product above 90%

### All India Reporter, Pvt. Ltd, Nagpur, India

July 2017 – Oct 2017

Software Developer Intern

**Technologies:** Java, JavaScript, Ionic, JAX-RS, React, Selenium

- Developed a smartphone application AIR-CRM for Sales team using **JavaScript and Ionic framework** for the front-end, **Jersey RESTful (JAX-RS)** for APIs, **Java** for the back-end with **MySQL for storage**
- Designed and created Web APIs using REST architecture which allowed quick integration with front-end
- Created several front-end mobile pages using **Ionic framework and React** which improved the user experience

## PROJECTS

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### Student Management System

**Technologies:** Java, MySQL, OOP Architecture

- Developed an enterprise level application named "**Student Management System**" using **Java** and **OOP architecture** design to maintain and manage academic, and personal information of a student
- It focuses on storing and tracking of data, securing everything into one system rather than multiple records where administrator can access/edit data for any student

### FIFA World Cup 2022

**Technologies:** HTML5, CSS3, React, TypeScript

- Designed and developed user-friendly website named "**Project fifa 2022**" using **React, TypeScript, HTML5, CSS3, Bootstrap** which provided user with information about players, teams, its world ranking, and current matches
- Created accessible, responsive, and functional user interfaces to allow users on any device to have the same perfect user experience