PALLAVI DEOGADE

Seattle, WA | (206)-405-0176 | deogade.p@northeastern.edu | GitHub| LinkedIn | Portfolio

EDUCATION

Master of Science in Information Systems   **GPA: 3.787/4.0**

Northeastern University, Seattle, US

Courses: Application Engineering & Development in Java, Web Design & UI/UX, Program Structures and Algorithm, Web Development Tools, and Methods (MERN stack), Database Management and Database Design, Software Quality Control Data Science Engineering with Python, Smartphones – Based Web Development

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

- **Languages**: Java, JavaScript, Python, TypeScript, C, C++
- **Web Technologies**: HTML5, CSS3, React, Redux, Server-side programming (API development, MySQL)
- **Testing Technologies**: Learning Management System, Web Engage, Firebase, Selenium

PROFESSIONAL EXPERIENCE

Testbook Edu Solutions, Mumbai, India   **June 2020 – May 2022**

Software Engineer

Technologies: Java, React, TypeScript, Server-side programming (API development, MySQL), Firebase

- Applied **CI/CD practices** to streamline the deployment process, reducing time-to-market by 30% and facilitating continuous integration and delivery of new features
- Constructed and implemented a set of reusables **React** components using **TypeScript** and **CSS**, resulting in 40% improvement in website load time and enhanced user experience across all devices
- Enhanced code quality by addressing minor and major bugs in transaction APIs, resulting in a 20% reduction in API-related issues, and executed Junit unit tests to achieve an overall test coverage above 90%
- Collaborated with product managers, completing 80% of sprint tasks within the agile methodology's SDLC, and performed QA checks on features. Also, involved in server-side programming for **API development** and **MySQL** database management

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, achieving an 80% increase in efficiency using **JavaScript**, **Ionic framework** for the front-end, **Jersey RESTful (JAX-RS)** for APIs, **Java** for the back-end, and **MySQL for storage**
- Designed and shaped Web APIs using **REST architecture**, enabling 95% faster integration with the front-end
- Created front-end pages using **Ionic framework** and **React**, resulting in a 40% improvement in UI

PROJECTS

News Summarizer

Technologies: HTML5, CSS3, React, TypeScript, Bootstrap

- The "News Summarizer" is a **LLM application** with an advanced **AI-powered** search engine designed to revolutionize the way we consume news and information. It leverages technologies such as **TypeScript**, **Bootstrap**, **HTML5**, **CSS3**, and **React** to create an intuitive and efficient platform for users.

Student Management System

Technologies: Java, MySQL, OOP Architecture

- Established the "**Student Management System**" an enterprise-level application using **Java**, **MySQL**, **JDBC**, and **service-oriented architecture**, effectively managing 95% of academic and personal student information.

- It focuses on storing and tracking data, securing everything into one system rather than multiple records where administrator can edit data for any student