PALLAVI DEOGADE

Open to relocate|Greater Seattle, WA|(206)-405-0176| pallavideogade4@gmail.com| LinkedIn

TECHNICAL SKILLS

- Languages: Java, C#, Python, JavaScript, TypeScript, Swift, C
- Web Frontend: HTML/HTML5**,** CSS/CSS3**,** React**,** Redux**,** Angular
- Server-side: Node.js**,** .NET, Spring MVC**,** RESTful APIs**,** MySQL**,** SQL Server**,** MongoDB
- Tools: Git, GitHub, Flutter, Next.js, Jupyter Notebook, Matplotlib, Pandas, NumPy, Selenium, Firebase
- Cloud Services: Azure App Service, Azure Functions, Cosmos DB, Azure AI Studio, Key Vault, Azure Storage

EDUCATION

Master of Science in Information Systems   Sep 2022 - May 2024

Northeastern University, Seattle, US

Bachelor of Engineering in Information Technology   Aug 2015 - May 2018

Yeshwantrao Chavan College of Engineering, India

EXPERIENCE

Teaching Assistant|Microsoft TEALS Program   Aug 2024 - Present

- Collaborated closely with teachers to help them understand and solve technical challenges related to Java programming
- Ensured smooth communication and alignment to optimize the learning process and support effective course delivery

Teaching Assistant of Program Structure and Algorithms| Northeastern University, Seattle   Feb 2024 – May 2024

- Lead discussion sessions, graded assignments, and provided detailed feedback on coding tasks and algorithm analysis
- Conducted review sessions before exams to help students prepare and clarify any doubts, reviewed code of 30+ students and suggested optimizations in assignments & projects

Software Engineer |Testbook.com   June 2018 – May 2022

- Designed & developed **REST APIs** to list & view various exams offered by testbook.com ensuring seamless interactions between frontend & backend systems
- Employed **Webpack** for module bundling, enabling efficient asset management and dependency resolution
- Integrated third-party services like Razorpay, and Firebase using **JSON, XML, and AJAX**, enabling seamless data exchange across multiple platforms, and improving data exchange speed
- Produced high-quality code on schedule, **enhanced product quality** by addressing bugs in transaction APIs**,** resulting in a 20% reduction in API-related issues, and executed unit tests to achieve an overall test coverage above 95%
- Designed & implemented reusable React components using **TypeScript** resulting in 25% increase in user engagement
- Leveraged **React's** lifecycle methods, hooks, memorization techniques to optimize component rendering and improved application performance by 30%
- Integrated mock server with the client UI to run the client without the backend APIs which improved the inner development loop significantly

Software Developer Intern|All India Reporter Pvt Ltd   July 2017 – Oct 2017

- Developed a smartphone application AIR-CRM for Sales team using JavaScript and Ionic framework for the frontend, Jersey RESTful (JAX-RS) for APIs, Java for the backend 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 AngularJS which improved the user experience of the application

PROJECTS

Diabetics Watch Prediction (Python, NumPy, Matplotlib, Pandas, Jupyter)

- Cleaned, performed EDA, balanced the Behavioral Risk Factor Surveillance System (BRFSS) dataset using NearMiss and visualized it
- Implemented and calibrated 6 supervised machine learning algorithms tuned hyperparameters, and evaluated performance using accuracy and root mean squared error (RMSE) metrics

Seattle Tour guide (JavaScript, React, NodeJS, HTML, CSS)

- Developed a responsive **full-stack web application,** utilizing **React and JavaScript** for dynamic front-end rendering, and **NodeJS** for building RESTful APIs on the server-side

Student Management System (Java, MySQL, JDBC, OOPs)

- Established an enterprise-level management system using Java, MySQL, JDBC, and service-oriented architecture, effectively managing 95% of academic and personal student information