

# Aditya Kapadne

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## Profile

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Senior Software Engineer with 3+ years of IT experience, specializing in React and Angular frontend development. Experienced in building responsive web applications using React.js with micro-frontend architecture and context API, as well as developing Persistent Responsive Dashboards (PRD) with Angular 12, focusing on UI/UX, accessibility, and performance optimization.

## Education

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**B.E. in Electronics and Telecommunications**, I2IT, Pune, Savitribai Phule Pune University (8.89 SGPA) 2022

## Awards

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- **Top Talent 2024:** Awarded for exceptional performance, given to only the top 3% of employees.
- **Bravo – Team Award:** For delivering PRD POC ahead of schedule.

## Certifications

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**Azure Fundamentals (AZ-900)**

## Skills

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- **Frontend:** React.js, Angular (v12), HTML, CSS, Material UI, Sass, Tailwind CSS, JavaScript, Typescript
- **Backend:** Core Java, Java MVC, Python, NodeJS, RestAPI
- **Business Intelligence:** Power BI, Instana, Turbonomic, Sevone, Docker, Kubernetes, ETL Pipelines
- **Cloud:** AWS (EC2, S3), Azure basics
- **Database:** MongoDB, MySQL, PostgreSQL, OracleDB
- **Tools:** Git, GitHub, Eclipse IDE, VS Code, DBeaver, Splunk, Postman, WinSCP
- **OS:** Red Hat Enterprise Linux, Ubuntu, Raspberry Pi OS, Windows OS

## Experience

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### Persistent Systems Limited

- Senior Software Engineer July 2022 – Till Date

## Professional Experience

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### React Frontend Development for Banking Client:

- Developed a responsive and dynamic frontend application using React.js for a banking client.
- Implemented Micro Frontend Architecture to enable modular development and independent deployment of features.
- Created reusable components and managed application state using Context API.
- Integrated REST APIs for seamless data flow and optimized rendering for better performance.
- Ensured accessibility by following WCAG guidelines and designed responsive layouts for a consistent user experience.
- Configured build pipelines with Webpack and Babel for efficient module management.

### **Persistent Responsive Dashboards (PRD):**

- Found and resolved issues in PRD with the help of the backend dev. team using Angular 12, HTML, CSS, Typescript, and JavaScript.
- Successfully completed Frontend Development for Banking client POC.
- Developed additional new components in PRD for POC.
- Fixed frontend defects and collaborated with the team for UI/UX design approaches.
- Used coding approaches for accessibility as per WCAG 2.1 guidelines to ensure inclusivity and compliance.
- Created designs for components to enhance dashboard functionality and usability.
- Implemented dynamic data binding and reusable UI components for dashboards.

### **Observability COE:**

- Created ETL pipelines (transformation scripts) to convert client application's REST API data into PRD-specific chart formats.
- Worked with databases like Oracle, PostgreSQL, and H2DB for retrieving and charting data.
- Set up Docker containers and ran them on Kubernetes pods.
- Installed Instana agents on VMs to gather data for APM and used Turbonomic for Application Resource Management along with Sevone for network monitoring.
- Worked on integrating Generative AI into Persistent Responsive Dashboards (PRD) and Instana using IBM Watson.
- Created various categories of dashboards using Persistent Responsive Dashboards (PRD) for client demos such as Banking, Marketing, Executive/Development Reporting, QA Reporting, IPM, APM, ITSM, Airlines, Energy Resources.
- Improved the UI/UX of dashboards and gained good knowledge of Linux/Unix systems, managing and scheduling backups for the team's IT resources.

## **Internship Experience**

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### **Software Intern, Persistent Systems Limited**

Feb 2022 – July 2022

- Gained experience in full-stack development using front-end technologies such as React.js, Typescript, JavaScript and back-end technologies (Java, Spring) to contribute to small modules and applications, and also used DevOps practices.
- Assisted in the development and maintenance of internal tools and systems.

## **Personal Projects**

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- **Hospital Management System (React.Js, Material UI (MUI), React Context API, NodeJs)** That helps us to store, search, view patient data and import patient data with form validation. [ [View GitHub](#), [View Live App](#) ]
- **Movie Recommendation App (React.Js, Material UI (MUI), React Context API, NodeJs, The Movie Database (TMDb) API, Custom API Service)** That helps to view and search movie details and also add to favorites and also let us search by Genre. [ [View GitHub](#), [View Live App](#) ]

## **Hobbies**

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Football  
Trekking  
Riding  
Cycling  
Adventure Sports