

# Preetam Chavan

## Developer



[Portfolio](#)



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Pune

### Technical Skills

- HTML-CSS
- JavaScript
- React.js
- Redux
- node.js
- PostgreSQL
- TypeScript
- Lit Web Component library
- Web Component
- Debugging
- Web page accessibility
- Service worker
- i18n localization
- rollup configuration
- webpack

### Tools

- Git, GitHub Desktop
- GitLab
- Jira
- ChatGPT
- Material Symbols & Icons

### Academic Details

- Completed MCA at sinhgad institute of management, vadgaon(bk), pune. (Pune University)

### Languages

- English
- Marathi
- Hindi

### Hobbies

- Playing Cricket
- Online Gaming (Esports)

## CAREER OBJECTIVE

Dedicated Developer with 3+ years of experience bridging frontend and backend technologies to deliver seamless web applications. Skilled in React, JavaScript, Node.js, Express, and database solutions, with a focus on building responsive, high-quality applications that meet user needs. Strong team player with excellent problem-solving abilities and a passion for continuous learning in a fast-paced development environment.

## Work Experience

### Aptlogica Technologies Pvt. Ltd.

#### Software Developer

January 2022 – Present

- **Project:** Google Pixel Simulator  
**Description:** Developed a Google Pixel Simulator module for the official Google Pixel phone website. The simulator allows users to explore and interact with various features of the Pixel phone, providing an immersive experience that highlights the device's capabilities.  
**Skills:** lit library, web components, rollup configurations, i18n localization, JavaScript, node.js scripts, GitHub, GitLab.
- **Project** Sgpulse Framework (Lit Library based Web Component Framework - WIP)  
**Description:** Developed the Sgpulse Framework, a customized JavaScript framework designed to meet specific e-learning requirements. Created various interactive components such as MCQs, Code Editor, Object Matching, Dropdown Matching, Drag and Drop, Flip Card, Hot Graphic, and Narrative elements. Extended the framework with features including Dynamic Assessment Loading, xAPI integration (for storing and restoring user states), Search functionality, Theme Appearance (light and dark mode), Page Level Progress, and Course Progress tracking. The framework is lightweight and passes 89% of the Google Lighthouse performance test.  
**Skills:** API integrations, JavaScript, Lit web components, Code Editor, State Management, State Store and Restore, Service worker GitHub, GitLab.  
**Achievements:** Adapted the framework for specific e-learning needs, efficiently developed activity-based learning plugins using Lit, and enhanced the overall user experience.
- **Project:** Adapt Framework Customisation  
**Description:** Customised the Adapt eLearning JavaScript, jQuery, handlebars, Backbone.js technology base framework to meet specific e-learning requirements and developed

various components, extensions and assessments. responsive, single-version HTML5 e-learning courses for delivery on a web server or SCORM-compliant learning management system.

- **Project:** Authoring Tool App  
**Description:** Developed a web component-based content editing app designed for e-learning purposes. This application enables instructors to easily create and edit new courses using existing templates, as well as dynamically create assessments with various assessment plugins. A key feature of this app is the ability to preview data in real-time, leveraging the capabilities of the Sgpulse Framework, ensuring a seamless and efficient course creation process that aligns with client requirements.  
**Skills:** Web Components, Content Management, Template-based Course Creation, Dynamic Assessment, Real-time Data Preview, Sgpulse Framework Integration, JavaScript.
- **Project:** Review Tool (Annotation)  
**Description:** Integrated a Review Tool feature within the Sgpulse Framework, designed to facilitate inline content editing and annotation. This feature, which can be enabled or disabled as needed, allows content authors and testers to make and suggest changes directly on web pages. It supports multilingual content updates and stores user suggestions in a database. The tool also tracks the history and progress of content changes, streamlining the content review and update process.  
**Skills:** API integrations, Authentication, Change History Tracking, Change Suggestion Management, GitHub, GitLab.

## My projects

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- **React Todo List with Node and PostgreSql live link:**  
<https://preetam5455.github.io/frontend-react-todo-app-node-postgresql/>
- **Java Script Calculator live link:**  
<https://preetam5455.github.io/Calculator/>
- **React Weather App live link:**  
<https://preetam5455.github.io/WeatherApp/>
- **React Password Generator live link:**  
<https://preetam5455.github.io/password-genrator-react-app/>
- **React Currency Converter live link:**  
<https://preetam5455.github.io/currency-converter-react-app/>