

Piyush Tadvi

Full-Stack Software Developer

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Professional Summary

Full-Stack Software Developer with a strong foundation in both front-end and back-end technologies, specializing in building responsive, scalable web applications. Proficient in modern JavaScript frameworks (React, Node.js) and backend systems using Express and SQL.

Demonstrated ability to turn complex problems into elegant, maintainable solutions. Adept at performance optimization, UI/UX best practices, and end-to-end application development.

Known for clean code, ownership mindset, and collaborative delivery in agile environments.

Technical Skills

Languages & Frameworks: JavaScript (ES6+), React, Redux, Node.js, Express.js, PHP, HTML5, CSS3, SQL, PostgreSQL, WordPress, Bootstrap, jQuery

Tools & Technologies: Git, GitHub, VS Code, Figma, REST APIs, Webpack, Jest, SEO, Responsive Design

Deployment & DevOps: cPanel, Netlify, Firebase, GitHub Pages

Methodologies: Agile/Scrum, Test-Driven Development (TDD), CI/CD, UI/UX Design Thinking

Projects

Portfolio Website (Full-Stack Developer)

- - Designed and built a responsive, accessible portfolio showcasing personal projects and technical competencies.
 - Implemented contact form using PHP/PHPMailer and AJAX with validation and error handling.
 - Optimized image assets and layout performance with lazy loading, compressed formats (WebP), and CDN delivery.
 - Enhanced UX with Typed.js, AOS animations, scroll-triggered effects, and dynamic portfolio filtering.

Company Directory (Full-Stack Developer)

- - Developed a searchable, sortable employee directory using PHP, SQL, and jQuery.
 - Implemented dynamic data rendering and pagination for performance.
 - Integrated database CRUD operations and modularized backend structure for maintainability.

Gazetteer (Full-Stack Developer)

- - Built a country exploration tool using REST APIs to fetch live news, weather, and map data.
- Implemented interactive Leaflet maps with location search and marker clustering.
- Used PHP for backend routing and API integration logic.

Jammming (Front-End Developer, React)

- - Built a React app integrated with the Spotify API to allow users to search for songs and create playlists.
- Managed app state with React hooks and handled async data using fetch().

To-Do Application (Full-Stack Developer)

- - Designed a task manager with React, Node.js, and Redux.
- Used lazy loading and modular state management to improve performance.

Professional Experience

Bowmans Ingredients, Hitchin, UK

Production Operator | Jul 2022 – Present

- - Supported digital interfaces and UI usability on production monitors using internal tools.
- Applied front-end coding skills in internal web tools to assist continuous improvement initiatives.
- Streamlined internal documentation workflows and contributed to quality control automation ideas.

Education

BSc (Hons) Computer Games Development

University of Bedfordshire, Luton, England | 2018 – 2022

Diploma in Advanced Animation & Design

Arena Animation | 2017