ASHWIN PULIPATI

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EXPERIENCE

Flowscript.AI   **Reston, Virginia**

Software Engineer │ **React, TypeScript, Tailwind, Next.js, Nest.js**   *Oct 2024 – Present*

- Developed the Job Application Management Portal and Lead Generation App with Flowscript.AI, improving workflow and data management, while resolving UI inconsistencies across the entire application.
- Engineered key features such as password visibility for enhanced security, resizable panels for flexible table views, and app configuration resets via REST APIs, significantly improving functionality and app usability.
- Redesigned the App Info Form and improved visual hierarchy, enhancing navigation and app responsiveness across devices for seamless user experience.
- Renovated app navigation for configuration pages, integrating view-only documentation buttons for default app templates, streamlining user interactions.
- Conducted code reviews in an Agile environment, ensuring high-quality code delivery and seamless backend integration, while authoring comprehensive documentation to support onboarding.

Phygtl, Inc   **Palo Alto, California**

Product Management   *Feb 2025 – Mar 2025*

- Gathered UX insights by adding 2 survey questions and getting 5+ student responses, uncovering ".edu" email issues and tool struggles, leading to enforced validation and tooltips.
- Analyzed feedback survey data to uncover key user pain points and recommended UX improvements.
- Shadowed three new Vyry users during onboarding to identify UX issues and proposed improvements to streamline setup and app navigation.
- Streamlined Discord navigation by auditing channel structure and reordering into a "Start Here" flow with dedicated app guides, FAQs, and rules; simplified user paths to cut drop-off and speed up onboarding.
- Improved verification flow by mapping out SSO integration and SMS backup options with Outlook troubleshooting notes; set to slash friction, accelerate account activation, and lift user satisfaction.

JS Associates   **Hyderabad, India**

Full Stack Web Developer │ **React, JavaScript (ES6+), Restful**   *May 2020 – May 2022*

- Optimized legacy code for a high-traffic e-commerce platform using React, improving page load speed by 10% and boosting user engagement by 10%.
- Collaborated with UI/UX designers to create responsive web designs, leading to a 15% reduction in bounce rates, while ensuring cross-browser compatibility to enhance accessibility and user satisfaction.
- Developed a suite of reusable components and design systems, reducing build times by 15%, while streamlining API integration, CI/CD processes and version control to enhance overall application performance.
- Troubleshot and resolved critical production issues, reducing downtime by 10%, and implemented Jest and Cypress for automated testing, increasing code reliability and reducing bug rates by 10%.
- Mentored junior developers, conducted code reviews, and fostered a collaborative Agile environment, contributing to a 5% improvement in team productivity and ensuring timely project delivery.
- Created comprehensive documentation and training materials, simplifying onboarding processes and reducing support queries by 5%.

SKILLS

- **Programming Languages** : HTML, CSS, JavaScript (ES6+), TypeScript, Python, SQL
- **Frontend Development** : jQuery, React, Redux Toolkit, Next.js, AngularJS, Bootstrap, Tailwind, Material-UI, WebGL, OpenCV.js
- **Machine Learning Tools** : FaceAPI.js, TensorFlow.js, Teachable Machine
- **Backend and Databases** : Nest.js, MySQL, PostgreSQL, Node.js, MongoDB, Restful APIs
- **CI/CD and Version Control** : Git/GitHub, Jenkins, AWS, Docker, VitePress, Markdown
- **Design and Collaboration** : Figma, Adobe Creative Suite (Photoshop, Illustrator, InDesign), Slack, Notion

CERTIFICATIONS

- **Udemy** : Web Development Bootcamp; Web & Mobile Designer: UI/UX, Figma; Graphic Design Masterclass; WordPress and SEO Masterclass; Complete Web Design: from Figma to Webflow

PROJECTS

Facial Landmarking and Expression Detection with Age and Gender | HTML, CSS, JavaScript, Face-API.js   *Apr 2024 – May 2024* | [Website](#)

- Developed a real-time facial recognition app to detect age, gender, and emotions using Face-API.js with detailed facial landmarking.
- Integrated responsive canvas rendering to visualize face detections, expressions, and demographic data in a live video stream.
- Collaborated with a team member on implementing advanced face detection models for smooth user experience and accurate prediction outputs.

Teachable Machine Image Model | HTML, CSS, JavaScript, TensorFlow.js   *Mar 2024 – May 2024* | [Website](#)

- Built an interactive web app to classify images using a custom Teachable Machine model, enabling real-time predictions via webcam.
- Designed a responsive and visually engaging UI with styled elements, dynamic labels, and gradient buttons for an intuitive user experience.
- Integrated advanced features like webcam flipping, live model predictions, and a detailed display of training objects and output results.

VirtualR Landing Page | React, Tailwind, JavaScript (ES6+)   *Oct 2023 – Dec 2023* | [Website](#)

- Created and integrated various React components to ensure a consistent and interactive user interface.
- Crafted a responsive layout using Tailwind, incorporating a sticky navbar and mobile-friendly navigation drawer.
- Incorporated video content, flexible pricing options, and user testimonials, maintaining a visually appealing and functional design.

Keeper Notes | React, CSS, JavaScript (ES6+), Material-UI   *May 2023 – Jul 2023* | [Website](#)

- Developed a note-taking web application, featuring CRUD operations, content search, and highlighting capabilities.
- Employed React hooks for state management and designed responsive UI components with Material-UI.
- Designed an intuitive user interface with expandable note forms, search functionality, and a footer with social media links.

EDUCATION

Rowan University | GPA: 3.83/4   **Glassboro, NJ**

Masters in computer science   *Aug 2022 – May 2024*