

# PAVAN BIRARI

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## Professional Summary

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Results-driven Front-End Developer with 4+ years of experience designing and developing high-performance, scalable web applications using React.js, Redux Toolkit, TypeScript, and JavaScript. Proven expertise in SaaS development, API integration, Single Sign-On (SSO) implementation, and UI/UX design. Adept in Agile methodologies including Scrum and Kanban. Strong focus on building responsive, cross-browser-compatible user interfaces with an emphasis on performance optimization and code reusability.

## Core Technical Skills

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- **Languages & Frameworks:** JavaScript, TypeScript, React.js, Redux, Redux Toolkit, MERN, Context API
- **Frontend:** HTML5, CSS3, Bootstrap, Material-UI, Ant Design
- **Tools & Platforms:** Git, Jira, Figma, Postman, VS Code
- **Development Practices:** API Integration, State Management, SSO, Responsive Design, Web Performance Optimization
- **Workflow & Methodology:** Agile, Scrum, Kanban, CI/CD

## Professional Experience

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**Infosys**  
*Associate Consultant*  
**Projects**

**July 2024 – Present**  
*Pune, Maharashtra*

### 1. Avalara Project:

- Developed a dynamic, responsive UI using React.js and Redux Toolkit for generating tax certificates based on user-submitted forms and compliance scenarios.
- Handled multiple workflows with conditional logic to tailor certificate creation by client types, jurisdiction, and tax exemption criteria.
- Integrated a canvas-based signature pad for digital signing and connected REST APIs for real-time tax validation and certificate generation.

### 2. Cash Receipt Modernization

- Developed and optimized responsive user interfaces using React.js to manage real-time cash receipt workflows, significantly enhancing the user experience for finance teams.
- Collaborated with backend teams to integrate APIs for payment status, reconciliation, and invoice matching functionalities.
- Implemented form validations, dynamic dashboards, and role-based access control to streamline the cash application process.

### 3. PDD to Jira User Stories Tool

- Developed a web tool using React and TypeScript to automate the conversion of business requirement PDFs (PDDs) into structured Jira user stories and tickets.
- Integrated a chatbot interface powered by streaming APIs, enabling real-time user

interaction to extract key document information and guide them through various requirement flows.

- Implemented functionality for users to upload Word files, receive execution responses, and dynamically generate final user stories.
- Enabled users to modify and customize stories through chatbot prompts, providing a GPT-like experience, and download refined Jira stories as a formatted Excel sheet.

#### 4. Robotic Process Automation (RPA) Dashboard

- Collaborated on the development of multiple custom automation bots to streamline and automate repetitive business processes across departments.
- Designed and implemented front-end interfaces in React.js to trigger, monitor, and manage bot activities within a scalable, enterprise-wide RPA platform.
- Supported the rapid deployment of RPA pilots, accelerating the realization of automation benefits and reducing manual effort.
- Enabled non-technical users to interact with bots through intuitive UI components, improving adoption and operational efficiency.
- Contributed to a strategic initiative under Infosys AI & Automation services to drive intelligent automation at scale across client enterprises.

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### Saama Technologies

Associate Software Engineer

October 2021 - July 2024

Pune, Maharashtra

#### Projects

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##### 1. SAM (Smart Auto Mapper)

- Contributed to Smart Auto Mapper, a deep learning-based tool for clinical data standardization (SDTM, ADaM, TLG), used in large-scale clinical trials.
- Project featured in PM360 Magazine's 2020 Innovations Issue for its impact on clinical data automation.

##### 2. PROTOCOL AUTHRING(PA)

- Built and optimized React.js components for DocGenAI's Protocol Module, enhancing clinical protocol authoring workflows.
- Integrated AI-driven features for auto-generating study objectives, eligibility criteria, and event schedules.
- Implemented dynamic template management and secure, role-based access control using modern web technologies.
- Improved UI/UX performance, reducing protocol creation time by 40% and draft errors by 20–40%.
- Collaborated cross-functionally to ensure scalable, compliant, and user-friendly design across therapeutic areas.

#### Education

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SSBT'S College of Engineering & Technology, Bambhori  
Bachelor's Degree Mechanical Engineering

July 2016 – July 2020  
Jalgaon Maharashtra

#### Achievements

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Awarded the esteemed Shining Star of the Month