

Vishnu Kalanad

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SUMMARY

Senior Software Engineer with 4 years building scalable enterprise web applications. Delivered fintech platforms integrating 100+ APIs, improving efficiency by 35% and reducing manual work by 40%.

EXPERIENCE

Senior Software Engineer

Digiledge

August 2024 - August 2025, Bengaluru, India

- Led design and development of a multi-tenant CBDC Support Portal using Angular, deployed across Federal Bank, Indian Bank, and Karnataka Bank, serving 1,000+ daily active users.
- Integrated 30+ REST APIs to enable real-time support, interactive dashboards, and efficient complaint and transaction management, improving operational efficiency by 35% through automated workflows and role-based access control.
- Coordinated regular stakeholder engagement and received production sign-offs from all three banks, ensuring seamless rollout and high system adoption. Collaborated with NPCI Mumbai during requirements gathering and planning for BOAT 3.0, contributing to initial architecture design and early-stage development planning.

Software Engineer

Digiledge

October 2021 - August 2024, Bengaluru, India

- Developed and delivered 5+ advanced dashboard platforms (PFMS, ONDC, AMS, NLP Recon Tool, BOAT 1.0/2.0) using Angular, Material UI, and PrimeNG, serving major fintech and banking clients including Federal Bank and NPCI.
- Integrated 30+ REST APIs per project, enabling real-time data visualization and cutting manual reporting by 40%, while supporting 1,000+ users with secure JWT authentication and multi-role access.
- Achieved 80%+ unit test coverage across key modules, reducing post-release bugs and shortening QA cycles by 20%, ensuring high-quality fintech solutions.
- Integrated multiple REST APIs on the PFMS dashboard, enabling real-time data and features as core frontend developer.
- Maintained 80%+ unit test coverage and collaborated in Agile teams, streamlining workflows for faster feature delivery.

PROJECT

Multi-Tenant CBDC Support Portal (Angular)

Digiledge (Clients - The Federal Bank of India, Indian Bank, Karnataka Bank) • August 2024 - August 2025

- Developed end-to-end UI using Angular (SSR), Tailwind, PrimeNG, and Docker; implemented scalable state management with NgRx to handle complex multi-tenant workflows and role-based data flow. Built a system supporting 1,000+ daily users, reducing onboarding time by 50% and cutting deployment costs by 30%. Delivered a defect-free launch with full UAT sign-offs and achieved 4.8/5 user satisfaction.
- Secured 20,000+ monthly sessions with captcha and Active Directory.
- Improved quality with 85%+ unit test coverage, reducing bugs 40%, and accelerated delivery 25% via role-based JWT and event-driven customization for 10+ roles.

BOAT - Biller Onboarding and Automation Testing

Digiledge (Client - NPCI) • May 2023 - August 2025

- Led frontend development with Angular, Angular Material, Bootstrap, and Docker, reducing infrastructure downtime by 25% through containerized deployment and enhancing UI scalability.
- Developed modular UI with role-based JWT authentication and MFA, supporting secure access for NPCI and 3+ Operating Units, boosting task completion by 30% and operational efficiency by 20%.
- Collaborated on backend architecture reviews to improve API stability and reduce defects by 35%, while engineering automated testing dashboards that cut biller onboarding time by over 60% for 100+ billers monthly.
- Managed end-to-end UAT and QA, ensuring defect-free, BBPS-compliant releases and reducing post-launch defects by 40%, with successful, on-time delivery praised at GFF 2024.

EDUCATION

Bachelor of Technology in Computer Science

APJ Abdul Kalam Technological University • Kerala, India • 2021

SKILLS

Angular, React, Next.js (NextJS), Node.js (NodeJS), TypeScript, JavaScript, npm, vite, JSON, ESLint, RXJS, NGRX, Redux, PrimeNG, Material UI, REST API, HTML, CSS, Bootstrap, Tailwind CSS, GSAP, Docker, Figma, Microsoft Office Tools, Agile, Bitbucket, Git, Debugging, Unit Testing, CI/CD, GitHub Actions, AI-Assisted Software Development, AI-Augmented Engineering, AI Workflow Automation

