Vishnu Kalanad

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SUMMARY

Proactive Senior Software Engineer with 4 years of experience in designing and deploying cutting-edge financial software solutions. Led the development of a multi-tenant CBDC Support Portal, enhancing operational efficiency by 35% through automated workflows and seamless integration of 30+ REST APIs. Seeking to leverage strong technical expertise and stakeholder collaboration skills to drive innovation and efficiency in future software engineering projects.

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   April 2022 - July 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.

Software Engineer Intern

Digiledge   October 2021 - April 2022, Bangalore, India
- Built and launched a Student Management System in 2 months with Angular, emphasizing robust architecture and user-focused design.
- Integrated multiple REST APIs on the PFMS dashboard, enabling real-time data and dynamic 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)
- Developed end-to-end UI with Angular (SSR), Tailwind, PrimeNG, and Docker; built scalable multi-tenant system supporting 1,000+ daily users, cutting onboarding 50% and saving 30% in deployment costs. Delivered defect-free launch with full UAT sign-offs and 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)
- Led frontend using Angular, Angular Material, Bootstrap, and Docker; cut infrastructure downtime 25% via containerized deployment. Built modular UI with role-based JWT and MFA, securing access for NPCI and 3+ units, boosting task completion 30% and efficiency 20%. Enhanced backend APIs, reducing defects 35%, and created automated dashboards to cut biller onboarding by 60% for 100+ monthly billers. Managed UAT/QA for defect-free, BBPS-compliant releases with 40% fewer post-launch defects; delivery praised at GFF 2024.

EDUCATION

Bachelor of Technology in Computer Science

APJ Abdul Kalam Technological University · Kerala, India · 2021

Higher Secondary

Kerala State Education Board · Kerala, India · 2017

SKILLS

Angular, Typescript, Javascript, Golang, REST API, HTML, CSS, Bootstrap, Tailwind, Docker, Figma, Microsoft Office Tools, Agile, Bitbucket, Git, Version Control, Root Cause Analysis, Debugging