

HEMANT AHER

Full Stack Developer & Team Lead | React.js / Next.js | Node.js / Java | AWS

Mumbai, India (Open to Remote) | +91-8600085196 | a.hemant96@gmail.com | linkedin.com/in/hemant-aher | github.com/H-unique245 | h-unique245.github.io

Professional Summary

Full Stack Developer and Team Lead with 3+ years designing and delivering products across FinTech, HR-Tech, and EdTech domains. Currently own the Core Banking Solution (CBS) product end-to-end for a cooperative-banking client – architecture, delivery, and a cross-functional team spanning frontend, backend (Java), and QA – while working directly with client stakeholders and Business Analysts on requirements, BRDs, and SOPs. Built the CBS frontend from the ground up (React.js, Next.js, Redux, custom hooks) and previously architected an HRMS platform (Node.js, Next.js, MongoDB) and contributed to an EdTech LMS product. Comfortable across the stack – React/Next.js frontends, Java/Node.js backends, PostgreSQL/MongoDB, AWS infrastructure, and Jenkins/SonarQube-driven CI/CD.

Technical Skills

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, Redux Toolkit, Context API, React Hooks, React Query, Electron.js

Backend: Node.js, Express.js, Java, Spring Boot, REST APIs, Microservices, JSON-driven Dynamic Form Builders

Database: PostgreSQL, MongoDB, Redis, Query Optimization, Data Migration

Cloud & DevOps: AWS (EC2, Load Balancers, API Gateway), Jenkins CI/CD, SonarQube, Docker, Git / GitHub

Product & Delivery: Requirement Gathering, BRD & SOP Documentation, Client & BA Collaboration, Agile / Scrum / Kanban, JIRA

Security: Keycloak, OAuth 2.0, JWT, RBAC, OTP/2FA

UI & Quality: Responsive Design, Cross-Browser Compatibility, WCAG Accessibility, Jest, Cypress

Professional Experience

Alphaware Next Technologies

Mumbai, India

Apr 2023 – Present

Senior Software Engineer — Team Lead (CBS Product Owner)

Feb 2025 – Present

Own the Core Banking Solution (CBS) product end-to-end after leading its initial build and delivery – now the bank's primary system for daily branch and back-office operations, recently rolled out to cooperative-society clients.

- Lead a cross-functional team across frontend, backend (Java), and QA (2 members); run client meetings and work closely with Business Analysts on requirements, BRD reviews, and SOP documentation.
- Defined the CBS product architecture and set up automated CI/CD deployment pipelines using Jenkins, with SonarQube-driven code quality gates.
- Partnered with DevOps to provision and scale AWS infrastructure across multiple modules, including load balancers and API Gateway configuration for high availability.
- Manage client support and change-request (CR) delivery cycles via JIRA (Kanban/Sprint), balancing production support with new feature rollout.
- Optimized PostgreSQL queries across multiple modules and assisted the migration team on several data migration efforts.
- Enhanced core CBS modules (CASA) with improved transaction idempotency, concurrency handling, and advanced data filtering for large-scale datasets.
- Optimized the commission distribution module for the agent MLM structure, cutting calculation and distribution time by 30%.
- Designed the integration between CBS and the LMS product to support end-to-end loan origination through repayment workflows.
- Guided the setup of a field-collection app integrated with CBS for agent-level data capture, and integrated a ticket-support system for agents and branch-level users to raise and track queries with admins.
- Continue to support the HRMS platform post-launch, having expanded it to 5 additional clients.
- Currently leading exploration of an AI-powered live support feature for the ticket-support system.

Full Stack Developer (MERN)

Apr 2023 – Jan 2025

EdTech – Learning Management System (LMS)

- Resolved bugs in the student onboarding flow, integrating a third-party JSON-based API to pull student data.
- Built course and program management modules with dedicated dashboards for staff and admin roles.
- Designed the exam module supporting MCQ and text-based answers, covering paper setup and evaluation workflows.
- Fixed bugs in the LMS desktop application (Electron.js) used for course management.

HRMS – Employee Management Platform

- Architected and built the HRMS platform from scratch using Node.js, Next.js, and MongoDB, leading a 4-member team – owning the frontend and guiding backend structure and design.

Core Banking Solution (CBS) — Foundation & Build

- Gathered requirements directly from fintech client stakeholders and contributed to module design and architecture alongside senior engineers.
- Built the CBS frontend end-to-end in React.js, from a JSON-driven dynamic form builder to transaction workflows, using custom hooks, Context API, and Redux for state and user-data management.
- Partnered with the client to redesign the onboarding journey with multi-step forms and a Java Spring backend, cutting customer onboarding time from 3–4 hours to 15–20 minutes.
- Led a 3-member frontend team through the initial build phase and delivered CBS to the client with its core feature set – the milestone that led to being named Team Lead and product owner for CBS.

Full Stack Development Intern

Oct 2022 – Jan 2023

Masai School

Remote

- Built a multi-vendor React.js e-commerce marketplace with product catalog, cart, checkout, and order tracking on Node.js/MongoDB APIs.
- Built a real-time stock trading simulator with React, WebSockets, and live candlestick charts (Chart.js).
- Debugged and optimized component rendering and state management across both projects using React Hooks and Git-based version control.

Education & Certifications

Full Stack Web Development Bootcamp (1,200+ hrs, MERN Stack)

Jan 2022 – Jan 2023

Masai School

Bachelor of Engineering, Mechanical Engineering

Aug 2016 – Jul 2021

Savitribai Phule Pune University

HackerRank: React (Basic), JavaScript (Basic) | Cutshort: React.js Certified, JavaScript Assessment Certified