DEV SETHI

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full Stack Software Engineer building fintech platforms, multi-tenant SaaS applications, and internal integration tools. Connects React/Next.js interfaces with NestJS services, relational databases, and third-party APIs to support complex business workflows. Technical experience includes TypeScript, PostgreSQL, PHP, authentication, containerization, testing, and deployment configuration. Portfolio: engineering case studies and an interactive React/Three.js studio at devsethi9438.com.

TECHNICAL SKILLS

Languages and frontend: TypeScript, JavaScript, PHP, SQL, Dart, React, Next.js, HTML, CSS, Tailwind CSS
Backend and data: Node.js, NestJS, CodeIgniter 4, REST APIs, PostgreSQL, MySQL/MariaDB, TypeORM
Mobile and security: Flutter, Riverpod, React Native, Expo, JWT, role-based access control, API integration
Delivery and testing: Git, GitHub Actions, CI/CD, Docker, Docker Compose, VPS configuration, Jest, PHPUnit

PROFESSIONAL EXPERIENCE

Finovel Fintech Private Limited Jan 2026 - Present

- Primary hands-on developer for most company applications within a two-member development team, implementing the majority of their functionality while collaborating on development and technical problem-solving.
- Translate business requirements into application architecture, frontend workflows, backend services, and database schemas; connect REST APIs and third-party integrations, and handle testing, maintenance, server configuration, and deployment preparation.

SELECTED PROJECTS AT FINOVEL

Invoice Financing Platform and Branded Adaptation

Lending platform | Next.js, NestJS, TypeScript, PostgreSQL, TypeORM

- Built buyer/seller onboarding, KYC, loan processing, disbursement, repayment, collections, and ledger workflows across administration and customer portals; added tenant-aware access, authentication, permissions, and consent audit trails.
- Adapted the shared lending platform for a separate branded application, reusing its core functionality.
- Platform capabilities include Redis/BullMQ document-processing jobs, retry and duplicate-request controls, and financial integrations with signed requests, response validation, and callback handling.
- Prepared Docker and hosting configurations. Repository CI workflows support application checks and containerized build preparation.

Society Operations and Billing Application

Society operations and billing | PHP, CodeIgniter 4, MySQL/MariaDB

- Built administration and property, unit, and member workflows, alongside billing masters, itemized charges, reusable templates, and payment functionality.
- Billing capabilities include area-based charges, proration, and integer-money calculations with preserved snapshots. Payment reversals retain receipt and audit history.

FINOVEL FINTECH PRIVATE LIMITED

Selected employment projects continued

Multi-Tenant Society Administration Platform

Separate SaaS implementation | Next.js, NestJS, PostgreSQL, TypeORM

- Built multi-tenant society administration across Next.js interfaces, NestJS APIs, and PostgreSQL schemas, including authentication, server-side permissions, and society, sector, and member access scopes.
- The platform combines exact-money arithmetic, transactional payment allocation, idempotent requests, and double-entry accounting. Database constraints support accounting consistency and auditable corrections.
- Repository tests cover concurrent requests, cross-tenant access, financial rounding, and transactional failure paths; delivery assets include container and migration configurations.

Financial API Integration Console

Internal integration tooling | Flutter, Riverpod, NestJS, TypeORM, SQLite

- Built mobile interfaces, API integrations, and supporting backend functionality for verification, account-consent, and balance workflows through an authenticated NestJS service.
- Backend capabilities include persistent request tracking, duplicate-submission safeguards, server-side provider credentials, and sanitized history with separate transport/business-status handling.

Verification API Console

Internal verification console | React Native, Expo, TypeScript

- Created configurable request forms, file uploads, and structured response views for identity, banking, and business verification APIs, enabling multiple provider workflows through a shared mobile interface.
- Added masked run history and device credential storage. Provider-aware preflight checks distinguish configuration errors, unavailable services, and integrations requiring a backend proxy.

Additional Business Applications

PHP, CodeIgniter, MySQL, REST APIs

- Built gold-loan intake and support/CRM functionality spanning applicant/co-applicant records, document capture, ticket workflows, CSV/Excel/PDF reporting, and lead/ticket synchronization.

INTERNSHIP

OctaNet Services Pvt. Ltd. | Web Development Intern Aug 2024

- Developed responsive HTML, CSS, and JavaScript interfaces and supported cross-device usability improvements.

EDUCATION

Bharati Vidyapeeth College of Engineering, Pune 2025

B.Tech - Information Technology | CGPA: 8.31/10

PUBLICATION AND CERTIFICATIONS

Research publication: "Web Service Discovery using Probabilistic Matchmaking" | Jan 2025

NPTEL: Cloud Computing and Distributed Systems - Elite, IIT Kanpur | Mar 2024

NPTEL: Database Management System, IIT Kharagpur | Sep 2023