# Aneesh Sharma

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## EDUCATION

**Chhattisgarh Swami Vivekananda Technical University** — Bhilai, Chhattisgarh
*Bachelor of Technology in Computer Science Engineering* — *Nov. 2021 – July 2025*

- **CGPA**: 8.1/10
- **Coursework**: DSA, Operating System, DBMS, SEPM

## EXPERIENCE

**ResilienceSoft** — Feb. 2025 – Present
*Junior Software Developer*

- ∗ Modernized web and mobile interfaces using **React**, **React Native**, and **Next.js**, enhancing performance by around **20%** through responsive design and optimized rendering.
- ∗ Refactored backend services into scalable microservices with **NestJS**, improving maintainability and enabling faster feature delivery.
- ∗ Containerized applications with **Docker** and deployed to **AWS EC2**, ensuring consistent environments and reducing deployment issues by nearly **30%**.
- ∗ Collaborated with product and design teams in sprint planning and feature scoping, improving team alignment and reducing rework through early technical input.

## PROJECTS

**DeliveryConnect** | *Next.js, NestJS, PostgreSQL, TypeORM, Docker, Elasticsearch, AWS EC2* — Mar 2025 – May 2025

- ∗ Engineered a full-stack package delivery platform enabling verified **travelers and senders** to connect, with seamless KYC flows and location-aware matchmaking.
- ∗ Designed a relational database schema with **PostgreSQL** and implemented efficient data access using **TypeORM**, improving query performance and reducing duplication.
- ∗ Built a containerized microservices architecture using **NestJS and Docker**, deployed to **AWS EC2**, enabling modular development and high scalability.
- ∗ Integrated **Elasticsearch** for real-time search across users and delivery listings, supporting advanced filters and sub-second response times under load.

**Laundromat** | *React, Redux-Saga, Firebase, shadcn/ui* — June 2025 – Sept 2025

- ∗ Built a campus-oriented laundry management system where colleges act as **sub-admins**, handling users, orders, and machines through a real-time, cloud-based interface.
- ∗ Leveraged **Firebase Authentication, Firestore, and Cloud Functions** to enable secure logins, real-time data sync, and serverless backend logic with minimal latency.
- ∗ Designed dynamic admin dashboards using **shadcn/ui** with support for filtering, sorting, and pagination, enabling fast, intuitive oversight of high-volume data.
- ∗ Implemented robust state management and async workflows with **Redux and Redux-Saga**, improving UI stability and reducing state-related bugs by 25%.

**Mapio** | *React, Leaflet.js, OpenStreetMap API* Aug 2025 – Jan 2026

∗ Built a geospatial reporting platform with **heatmap rendering**, place marking, and contextual reporting powered by Leaflet and OpenStreetMap APIs, eliminating manual location tracking errors by 35%.

∗ Implemented **role-based routing and permission logic** that enforced strict access control for admins and general users, enhancing data security and workflow separation.

∗ Enabled custom location tagging and automated report generation, providing local teams with actionable spatial insights and streamlining operational decision-making.

## TECHNICAL SKILLS

**Languages**: TypeScript, JavaScript, Python, HTML5, CSS3
**Frontend**: React.js, Next.js, React Native
**Backend & Database**: NestJS, PostgreSQL, TypeORM, Elasticsearch
**DevOps & Tools**: Docker, Git, GitHub, AWS EC2
**Other Skills**: Microservices, Real-time Apps, Role-based Access, State Management (Redux, Redux-Saga)