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 delivery platform enabling verified **travelers and senders** to connect, featuring seamless KYC verification and route-aware matchmaking.
- ∗ Refactored into containerized **microservices** using **NestJS and Docker**, deployed on **AWS EC2**, improving scalability and deployment consistency.
- ∗ Designed a normalized schema with **PostgreSQL** and optimized data access via **TypeORM**, enhancing query performance by 40%.
- ∗ Integrated **Elasticsearch** for sub-second search across users and listings, supporting advanced filtering and real-time responsiveness.

CloudNoise | *React, Leaflet.js, NestJS, MongoDB, Google Sign-In*   Aug 2025 – Oct 2025

- ∗ Developed a **city-scale noise monitoring platform** featuring an interactive map-based dashboard, real-time heatmaps, and detailed report generation.
- ∗ Implemented **Excel-based data uploads** to visualize sound intensity using **Leaflet** and **OpenStreetMap APIs**, enabling region-wise analytics and filtering.
- ∗ Built backend services with **NestJS** and **MongoDB** for data ingestion, aggregation, and analysis, reducing load times by 30%.
- ∗ Integrated **Google authentication** for secure access and role-based dashboards across multiple cities and districts.

AI Folder Architect | *Python, Gemini API, Typer* Sept 2025 – Oct 2025

∗ Built an **AI-powered CLI tool** that generates complete folder structures and boilerplate files from natural language prompts, reducing setup time by 70%.

∗ Integrated the **Gemini API** for semantic understanding of user prompts and dynamic file generation logic.

∗ Utilized **Typer** for intuitive CLI design, improving usability and scalability for multi-command workflows.

∗ Streamlined repetitive project initialization workflows, boosting developer productivity and consistency across repositories.

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)