

AMAN JANGIR

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🐙 [GitHub](#)

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Professional Summary

Software developer and B.Tech graduate in Electronics and Communication Engineering with hands-on experience in full-stack development, backend systems, REST APIs, databases, and cloud-based application deployment. Proficient in Java, Python, JavaScript, SQL, Spring Boot, React, PostgreSQL, Docker, and Git. Experienced in translating application requirements into scalable technical solutions, designing database-driven systems, implementing authentication and business logic, and developing production-ready web applications. Strong analytical and problem-solving skills with an interest in enterprise technology, business planning, data-driven decision-making, and technology transformation.

EDUCATION

SRM Institute of Science and Technology, Kattankulathur

2022 – 2026

B.Tech – Electronics and Communication Engineering –

Chennai, Tamil Nadu

Board of Secondary Education, Rajasthan

July 2020 – July 2021

12th – 82.50%

Sikar, Rajasthan

EXPERIENCE

Bluestock.in

Jan 2025 – Feb 2025

Software Development Intern

Remote

- Worked on software development tasks involving frontend and backend application functionality using JavaScript, HTML, CSS, and database technologies.
- Implemented and improved application features based on functional requirements while following structured software development practices.
- Debugged application issues, identified root causes, and implemented fixes to improve functionality and reliability.
- Worked with APIs and database-driven application components while gaining practical experience in collaborative software development.
- Applied problem-solving and analytical skills to develop, test, and refine software features.

PROJECTS

PlanSphere – Enterprise Sales Planning Platform | Java, Spring Boot, PostgreSQL, React

In Progress

- **Developing** a database-driven enterprise planning platform focused on Territory Planning, Quota Planning, Sales Performance, Incentive Compensation, Workforce Planning, and Forecasting.
- Designing a normalized relational database to model organizations, regions, territories, employees, sales transactions, quota allocations, incentive rules, and workforce plans.
- Implementing business rules and analytical SQL queries to calculate sales performance, quota achievement, territory-level metrics, incentive payouts, and workforce gaps.
- Building REST APIs using Spring Boot to expose planning, sales, employee, territory, and performance data through a scalable backend architecture.

- Applying DBMS concepts including normalization, primary and foreign keys, constraints, indexing, joins, aggregation, views, transactions, and query optimization.

Elite Interiors – Furniture Company Website & CMS

2026

Next.js, TypeScript, PostgreSQL, Prisma, Cloudinary

- Designed and developed a production-ready furniture company website with a database-driven Content Management System for managing projects, services, contacts, website settings, and media.
- Implemented authentication and protected administrative routes using Auth.js with role-based access control for secure CMS operations.
- Developed CRUD functionality using Prisma ORM and PostgreSQL for projects, services, contact submissions, and website configuration.
- Integrated Cloudinary for cover image and gallery management, including image upload and deletion workflows.
- Built responsive and reusable interfaces using Next.js, TypeScript, and Tailwind CSS with dynamic database-driven content.
- Implemented SEO metadata, Open Graph configuration, sitemap, robots configuration, and responsive layouts for production deployment.
- Deployed the application using Vercel with PostgreSQL hosted on Neon and configured the production domain with SSL.

TECHNICAL SKILLS

Programming: Java, Python, JavaScript, TypeScript, SQL, HTML, CSS, Data Structures & Algorithms, Object-Oriented Programming

Backend & APIs: Spring Boot, REST APIs, Spring Cloud Gateway, Authentication, JWT, RBAC

Frontend: React.js, Next.js, Tailwind CSS

Databases: PostgreSQL, MySQL, Prisma ORM, DBMS, Database Design, SQL, Normalization, Indexing

Cloud & DevOps: AWS, Docker, Docker Compose, Kubernetes, Vercel, Neon

Data & Analytics: Python, Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras

Development Tools: Git, GitHub, VS Code, Postman, Google Colab

Engineering Practices: RESTful Architecture, Database Design, API Integration, Debugging, Testing, Agile Methodology, Technical Documentation

CERTIFICATIONS

- Fundamentals of Deep Learning – NVIDIA
- Natural Language Processing – NVIDIA
- Python for Data Science – NPTEL
- Verilog HDL – Udemy

Areas of Interest

Enterprise Technology • Database Systems • Backend Development • Business Analytics •
Data-Driven Decision Making • Cloud Computing • Software Engineering • Enterprise
Planning