Ankit Kumar Singh

ankit.s2117@gmail.com | +91 9910280417 | LinkedIn | GitHub | Docker Hub
Full-Stack Developer | Java, Spring Boot, C#, ASP.NET Core, Python, Node.js,
TypeScript, ReactJS, REST APIs, PostgreSQL, Docker, Microservices

EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY
B.TECH
Mathematics and Computing
2020-2024 | Delhi, India
GPA: 7.31/10

KENDRIYA VIDYALAYA AGCR
X-XII | Delhi, India

SKILLS

PROGRAMMING LANGUAGES:
 Java, C#, Golang, C/C++TypeScript, Node.js, JavaScript, Python
BACK-END:
RESTful & Private APIs, Express.js, Spring Boot, ASP.NET Core, Microservices, JWT
DATABASES:
PostgreSQL, MongoDB, MySQL, SQL Server
DEVOPS & TOOLS:
Docker, Git, Kubernetes, Postman, CI/CD, Swagger
FRONT-END:
React.js, Next.js (Familiarity), Tailwind CSS, HTML, CSS
CLOUD & OTHERS:
AWS (Basics), System Architecture

TECHNICAL SUMMARY

Proficient in backend development using **Java Spring Boot**, **ASP.NET Core 8**, and **Golang**, delivering scalable RESTful APIs and microservices. Experienced in implementing **JWT authentication**, **role-based access control (RBAC)**, and API documentation using **Swagger (OpenAPI)**. Skilled in working with relational and NoSQL databases including **PostgreSQL**, **MongoDB**, **MySQL**, and **SQL Server**. Familiar with **ReactJS**, **Tailwind CSS**, and integrating responsive frontends for full-stack applications. Hands-on experience with **Docker**, **Docker Compose**, and **Kubernetes**, with exploratory work in AI agents and cloud-native deployments.

WORK EXPERIENCE

BOMBAY SHAVING COMPANY | SOFTWARE ENGINEER INTERN
Jul 2025 – Sept 2025 | Gurugram, Haryana | LINK

- Engineered scalable backend services using **C#** and **ASP.NET Core** for critical system integrations, enhancing the reliability of data flow between internal platforms.
- Developed an internal data analytics dashboard using **Python** and **Streamlit** to visualize real-time operational metrics, enabling faster data-driven decision-making for the team.
- Architected and queried complex **PostgreSQL** databases to support high-performance API operations and ensure data integrity.
- Contributed to **CI/CD** pipelines and utilized **Docker** for service containerization.
- Tech: C#, ASP.NET Core, Python, Streamlit, PostgreSQL, Docker, CI/CD.

PROJECTS

ANALYTICAL DASHBOARD
Jul 2025 – Sept 2025 | GitHub

- Engineered a full-stack analytics dashboard using **Python** and **Streamlit** to provide real-time visualization of order performance metrics (by SKU, category, date) from a **PostgreSQL** database.
- Developed a custom, mobile-responsive UI with a collapsible sidebar, dynamic filters, and interactive **Plotly** charts, significantly improving data accessibility and user engagement.
- Optimized application performance and data retrieval speeds by implementing strategic **caching** ('st.cache_data' & 'st.cache_resource'), ensuring a seamless experience with large datasets.
- Tech Stack: Python, Streamlit, Pandas, SQLAlchemy, Plotly, PostgreSQL, Custom CSS.

E-COMMERCE PRODUCT MANAGEMENT SYSTEM
Apr 2025 – May 2025 | GitHub | Docker Hub

- Architected and built a scalable backend with **RESTful APIs** using ASP.NET Core, designing the **PostgreSQL** schema for optimal query performance and data integrity.
- Implemented secure **system integration** points with **JWT authentication** and role-based access control, documenting all endpoints with Swagger (OpenAPI).
- Automated multi-service deployment with **Docker Compose**, ensuring a reliable and reproducible environment.
- Tech: ASP.NET Core 8, PostgreSQL, Docker, JWT, REST APIs, ReactJS.

MOVIE REVIEW APP
Jan 2025 – Mar 2025 | GitHub

- Engineered a backend system with **RESTful APIs** using Java Spring Boot, demonstrating core principles of API security and backend service development for integration.
- Implemented core features for a **React** frontend, ensuring efficient data exchange and API compatibility.
- Tech: Java Spring Boot, MongoDB, ReactJS, REST APIs, JWT.