# Ankit Kumar Singh

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Backend Developer | Java, Spring Boot, C#, ASP.NET Core, Node.js, TypeScript, ReactJS, REST APIs, System Integration, 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 | SDE-1 INTERN
Jul 2025 – Present | Gurugram, Haryana | LINK
- Designed and developed backend services focused on **system integration** and scalable data processing, ensuring reliable data flow between internal platforms.
- Built and maintained robust, **backend-oriented** features using **C# ASP.NET Core**, designing and querying **PostgreSQL** databases to support high-performance operations.
- Contributed to CI/CD pipelines and utilized **Docker** for containerization, improving system reliability and ensuring delivery of clean, maintainable code.
- Tech: **C#, ASP.NET Core, React.js, Python, PostgreSQL, Docker, CI/CD**.

### GARG DEFENCE AND AEROSPACE PVT. LTD.
May 2024 – Jul 2024 | DTU | LINK
- Collaborated with stakeholders to develop a responsive frontend application using **ReactJS**, demonstrating an understanding of frontend needs for effective **API integration**.
- Optimized frontend components for performance and seamless data interaction with backend services.
- Tech: **ReactJS, Tailwind CSS, JavaScript, API Integration**.

## PROJECTS

### 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**.

### TASK MANAGER
Dec 2024 – Jan 2025 | GitHub
- Developed a full-stack application with a **RESTful API** backend in Golang, focusing on efficient CRUD operations and backend performance for task management.
- Tech: **Golang, MongoDB, ReactJS, REST APIs**.