

# Arpit Bansal

Software Engineer with expertise in Salesforce Apex, LWC, and full-stack development (React.js, Node.js). Proven track record of delivering enterprise solutions for Fortune 500 clients using modern CI/CD pipelines and AI integration technologies.

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## WORK EXPERIENCE

**Tata Consultancy Services Ltd.**, Software Engineer Apr 2025 | Bangalore

- Enhanced enterprise backend logic using Salesforce Apex and SOQL, **demonstrating strong problem-solving skills and attention to data integrity** through validations, workflows, and optimised data processing.
- Enhanced Modular UI components** using **Lightning Web Components**, following reactive programming and modular design principles, improving **user experience** for 200+ internal users.
- Partnered with US stakeholders** in an Agile environment, translating business requirements into technical solutions and **leading production deployments** using Copado **CI/CD** with GitHub integration for UAT and production releases.

**Testbook.com**, - Freelance Developer Jan 2024 – Jan 2025

- Enhanced 4+ responsive web modules for Testbook's e-learning platform (React.js, Node.js, MongoDB), serving 50,000+ active learners, resulting in a 95%+ code review approval rate.
- Owned end-to-end delivery** of 4 major project milestones independently, **demonstrating time management, accountability, and clear client communication**, delivering modular and reusable UI components with zero delays.

## EDUCATION

**Vellore Institute of Technology**, B.Tech 2020 – 2024 | Vellore  
Computer Science with Specialization in Business Systems

## PROJECTS

**AI Car Marketplace** 📄, NextJS TypeScript Gemini AI API Jun 2025 – Jul 2025

- Created full-stack AI car marketplace application processing 1,000+ vehicle listings, implementing Gemini API integration for automated specification extraction reducing data entry time by 90% (from 15 minutes to 90 seconds per listing)
- Built responsive Next.js frontend with a PostgreSQL backend, featuring real-time database updates
- Deployed on Vercel with automated CI/CD pipeline, achieving <2s page load time

**AIstrology** 📄, Feb 2025 – Mar 2025  
Personalized Astrological Insights with Real-Time AI Conversations

- Developed a real-time AI astrologer chat system using **OpenAI** and **RoxyAPI** for personalized astrology and numerology predictions.
- Implemented authentication and user session management, ensuring each chat session retains user birth details.

**Chatters** 📄, Real-time MERN stack chat app with WebSocket, JWT authentication, chat rooms, and private messaging. May 2024 – Sep 2024

- Implemented **JWT-based authentication**.
- RESTful APIs** using **Express.js** to handle user data and message retrieval.
- Socket.io** for peer to peer connection

## SKILLS

### Frontend

React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, Lightning Web Components (LWC), component-based UI development.

### Backend

Node.js, Express.js, RESTful APIs, Java, Apex, SOQL, MongoDB, PostgreSQL, MySQL.

### CI/CD & Platforms

GitHub, Copado, Jenkins, Docker, Kubernetes, AWS, Salesforce Platform, Agile/Scrum.

## CERTIFICATES

**Salesforce Certified Agentforce Specialist** 📄

**Microsoft Security, Compliance, and Identity Fundamentals** 📄  
AZ-900

**Certificate of Excellence in DSA** 📄  
Coding Ninjas