

# Anshul Shirbhate - Software Engineer | Full Stack Developer

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GitHub

## Skills

**Technologies:** Next.js, Nest.js, React.js, Node.js, TypeScript, PostgreSQL, MongoDB, JavaScript, Java, Python (Basics), SQL, HTML, CSS, Docker, AWS (S3, EC2, EIP), Git, GitHub, CI/CD, Linux, Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Unit Testing, REST APIs.

## Experience

- **Software Engineer (Intern), GlobalLogic - Bangalore, India** March 2025 – November 2025
  - Spearheaded the development of a full-stack e-commerce platform with a 5-member team, simulating legacy-to-modern tech migration, resulting in a 15% faster transaction processing speed and improved user experience.
  - Engineered 30+ RESTful API endpoints using Node.js and PostgreSQL, connecting the front-end with back-end services, enabling seamless data flow, and enhancing application scalability by roughly 20%.
  - Utilized Docker for containerization and GitLab for collaborative development with 50+ pull requests.
  - Maintained 5+ feature branches with zero major merge conflicts, enhancing team workflow efficiency.

## Projects

- **Bakery Platform (Saru's Kitchen) - Link**
  - Developed a production-grade bakery website using Next.js, **PostgreSQL (NeonDB)**, and **Cloudinary**, reducing load times by 90% and enhancing page responsiveness across 25+ pages.
  - Integrated JWT-based authentication, and session management using Redux across 10+ components, improving user retention.
  - Deployed on a scalable serverless architecture using Vercel, handling up to 10,000 requests/min, increasing development efficiency by more than 50%-70%.
- **Gurukul - AI-Powered E-Learning Platform - GitHub**
  - Built an interactive intelligent learning portal using Next.js, **MongoDB**, and integrated **Gemini LLM** for **AI-driven learning** personalization.
  - **Awarded 2nd Place** among 50+ teams at regional-level hackathon for innovation in AI-driven education.
  - Improved student learning rates up to 19%. Furthermore, AI-powered adaptive learning systems have been shown to boost student retention rates by 30%.
  - Used semantic search and real-time feedback loops, increasing learning efficiency by up to 62% (based on simulated user feedback and study metrics).

## Education

- **Yeshwantrao Chavan College of Engineering, Nagpur,** November 2022 – May 2025  
**B. Tech in Artificial Intelligence and Data Science**
  - CGPA: 8.7/10
- **Dr. Panjabrao Deshmukh Polytechnic, Amravati,** August 2019 – July 2022  
**Diploma in Computer Engineering**
  - Percentage: 87.57%

## Achievements

- Achieved **2nd place** in a 24-hour hackathon organized by the Computer Science department of YCCE.
- **Semifinalist | EYRC 2023 | National Level:** Reached the semi-finals among 200+ teams by analyzing problems and implementing effective solutions.
- Solved **500+** problems on platforms like **Leetcode** (64% acceptance rate), **Code360**, and **GeeksForGeeks**.

## Positions of Responsibility

- **Compufest 2023 - Event Coordinator & Web Lead**
  - Directed and **coordinated 5+ tech events**, including a hackathon and coding competition with 200+ participants, ensuring smooth execution.
  - Led a 6-member developer team to design and deploy the departmental fest website (**Compufest**), ensuring timely delivery, smooth UX, and hassle free navigation and registration process for end users.