Anshul Shirbhate - Software Engineer

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# Skills

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

# Experience

* **Software Engineer (SDE 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 Nest.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)](https://saruskitchen.vercel.app/) - [Link](https://saruskitchen.vercel.app/)

* 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 with inbuilt CI/CD, handling up to 10,000 requests/min, increasing development efficiency by more than 50%-70%.

## [Gurukul - AI-Powered E-Learning Platform](https://github.com/AnshulShirbhate/Gurukul) - [GitHub](https://github.com/AnshulShirbhate/Gurukul)

* 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**](https://leetcode.com/u/anshulshirbhate/) (64% acceptance rate), [**Code360**](https://www.naukri.com/code360/profile/AnshulShirbhate), and [**GeeksForGeeks**](https://www.geeksforgeeks.org/user/anshulshirbhate77434/).

# 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**](https://compufest2k23.vercel.app/)), ensuring timely delivery, smooth UX, and hassle free navigation and registration process for end users.