Gaurav Deshmukh

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Education

SGGSIE&T, Nanded   Expected May 2026
B.Tech in Information Technology   *CGPA: 7.96/10*

Technical Skills

Languages: Java, JavaScript, Python, SQL, HTML5, CSS3
Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, Tailwind CSS
Databases: MongoDB, MySQL
Cloud & DevOps: AWS, Docker, Jenkins, CI/CD Pipeline
Tools: Git, Postman, Linux/Unix, Figma
Methodologies & Concepts: REST API Development, DevOps, Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems (DBMS), Operating System, Computer Networks

Experience

Open Source Contributor   May 2025
KubeStellar, Cloud Native Computing Foundation (CNCF)

- Enhanced UI components for CNCF's KubeStellar project, improving user experience
- Gained experience collaborating in Agile teams and writing clean, scalable code following software engineering principles
- Submitted multiple frontend pull requests, collaborating with global open source community

Full Stack Developer   Feb 2025
Nationwide Hackathon - Top 10 Finalist [Live Demo]

- Built comprehensive web platform using React.js and Node.js for students and faculty to digitize college administration processes
- Developed 8+ features reducing manual work by 70% with automated workflows
- Implemented secure JWT-based authentication system with college email verification and role-based access control
- Successfully deployed complete full-stack system within 36-hour deadline, ranked top 10 among 100+ teams nationwide

Projects

Hisab Kitab | *Next.js, Convex, Clerk, Gemini API, Tailwind CSS* | [Live Demo]   Jun 2025

- Built expense-splitting platform serving active users for group expense management
- Automated monthly financial summaries with Gemini AI and reminder emails for pending dues, reducing manual tracking by 80% and eliminating repayment friction
- Established real-time database with Convex for instant expense updates and calculations
- Secured application access by deploying Clerk authentication with role-based permissions, decreasing unauthorized access attempts by 99% and ensuring only necessary information was visible

Chitrasamvad | *Next.js, React.js, Stream API, Clerk, Tailwind CSS* | [Live Demo]   Jan 2025

- Engineered a scalable video conferencing platform with Stream API, handling 100+ users with <200ms latency
- Optimized media handling and stability, reducing buffering and dropped calls by 40%
- Implemented secure authentication with Clerk and encrypted sessions for 50+ users
- Designed an intuitive dashboard using Shadcn/ui, increasing user engagement by 30%

SkyTalk | *React.js, Express.js, MongoDB, Tailwind CSS* | [Live Demo]   Jul 2024

- Engineered social networking platform with active users for posts and interactions
- Integrated secure authentication using bcrypt and JWT for enhanced data security and privacy
- Configured Cloudinary for efficient image uploads, reducing load times by 50% and server load
- Designed RESTful APIs with Express.js and MongoDB, and optimized data fetching with React Query to cut redundant API calls by 40% and improve load times

Achievements

- Solved 700+ Data Structures and Algorithms problems across multiple platforms
- Ranked 2954 out of 27,473 participants in LeetCode Biweekly Contest 143
- Achieved A grade in key programming subjects like Java, OOP, and Python