

Anush Singla

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PROFESSIONAL SUMMARY

Full-stack software professional with deep conceptual and great knowledge of **full-stack web development, DevOps engineering** . Having sound knowledge of the MERN Stack, including MongoDB, Express, React, and Node.js, I design scalable RESTful APIs while building security into the backend. Hands-on experience in continuous integration and continuous deployment with Jenkins, Docker containerization, and end-to-end deployment pipelines to stage/production environments. Automation of builds with Docker Buildx; basics of service orchestration using Kubernetes; and application deployments on AWS/GCP Cloud Platforms. Great at debugging, system design, and writing clean, maintainable code.

EDUCATION

Bharati Vidyapeeth's College of Engineering, GGSIPU

Bachelor of Technology, Computer Science

CGPA-9.13

2024 – Present


WORK HISTORY

Technical Experience | DevOps (Self-Driven Projects)

October 2025 - Present


- Built a full MERN-stack application for ASHA workers with OCR, multilingual voice summaries, and health report automation.
- Designed **CI/CD pipelines** with Jenkins, automated container builds, and multi-stage deployments
- Integrated cloud APIs (OCR, TTS, LLM) with secure key management.

PROJECTS

Asha-Saathi | *Google Cloud Vision Api , Docker , Mern Stack* 

October 2025

- Developed a web-app **Asha-saathi** for Asha medical workers to ensure proper system for their work management and tools for providing best healthcare
- Implemented **user authentication**, profile update, Report Scanning using OCR , Storing every patient Data .
- Added UI features like **Uploading Medical Report**, , and admin page for making sure proper payment.

HUDDLE UP | *React.js , Node.js , MongoDB* 

April 2025

- HuddleUp is a full-stack MERN (MongoDB, Express, React, Node.js) social media platform made for sports enthusiasts. Whether you're into cricket, football, basketball, or any other sport, HuddleUp is your digital locker room to share content, discuss ideas, and connect with like-minded fans. It brings together features inspired by Reddit, YouTube, and Instagram built exclusively for the sports community.
- MongoDB database for storing users, videos, posts and comments , Express.js Backend framework handling API routes
- JWT for user authentication and authorization and Tailwind CSS / ShadCN UI for clean and responsive design
- Responsive and modern UI with a smooth user experience

SKILLS

Programming Languages: Java, JavaScript, Groovy , SQL

Frameworks: Node.js , React.js , Vite , Helm

Developer Tools: Docker, Git, GitHub, Kubernetes , Jenkins

Database & Cloud: MySQL, MongoDB, DockerHub , AWS (EC2)

Technologies: RESTful APIs, JWT Authentication, CI/CD Pipelines, Docker Containerization , Microservices

CS Fundamentals: Data Structures, Algorithms, OOP, DBMS, OS, Networking

ACHIEVEMENTS

- **Top 5 at CryptoVate , DTU 2025** – competing against **over 10,000 participants** nationwide.
- **Top 10 at Hack with Sanchaar , GTBIT 2025** – competing against **over 5,000 participants** nationwide.

POSITIONS OF RESPONSIBILITY

- **Softech - Head, BVP-ISTE** – managed technical work which includes ISTE Website and took GITHUB and WebDev session for society (Aug 2025 - Present).
- **Head of Technical and Production , TEDx-BVCOE** – overseen execution of all production activities for TEDx events and built TedxBVCOE Website (Aug 2025 - Present).