GAUTAM SIDHANTH

Bhadrak, Odisha

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EDUCATION

Vellore Institute of Technology, Bhopal **August 2021 – October 2025**
Bachelor of Technology in Computer Science Specialization with AIML *CGPA: 7.85*

COURSEWORK / SKILLS

1. Operating Systems
2. Computer Network
3. Database Management System (DBMS)
4. DevOps
5. OOPS Concept
6. Full Stack Development

PROJECTS

Chatty 🔗 **| React, Socket.io, Tailwind CSS, Daisy UI, MERN** **November 2024 - December 2024**

- **Architected** a real-time chat app using **MERN + Socket.io**, improving message speed by **50%**.
- **Implemented** a JWT authentication, enhancing security and reducing unauthorised access by **40%**.
- **Optimized** UI with **Tailwind & Daisy UI**, cutting load time by **30%** and improving responsiveness.
- **Configured** with environment-based configs, ensuring **100% uptime** and seamless scalability.

  Demo: Live site here   **Source:** github.com/Real-Time Chat

Interview-AI 🔗 **| Next.js, TypeScript, Stream, Convex, Clerk** **December 2024 - January 2025**

- **Created** a video calling interview with **video calls, screen sharing, and recording** for **100+ interviews**.
- **Executed** a secure **authentication** and role-based access, improving scheduling by 30%.
- **Developed** a **Monaco-based code editor** with **syntax highlighting and auto-complete**.
- **Designed** a **responsive UI** with **Tailwind CSS & Shadcn UI**, featuring **dark mode and resizable panels** for better user experience.

  Demo: Live Server here   **Source:** github.com/Interview-AI

EXPERIENCE

MeetMux By Altrodav Technologies Pvt. Limited 🔗 **| Docker, CI/CD, AWS, Kubernetes**

DevOps Intern **April 2025 – June 2025**

- ∗ **Integrated** backend on **AWS EC2** with **Docker**, **NGINX**, and **GitHub Actions**, cutting deployment time by **70%**.
- ∗ **Built CI/CD** pipelines using **GitHub Actions** and **Jenkins**, improving release efficiency by **40%**.
- ∗ **Deployed** on ECS with ECR, S3, ALB, and autoscaling, achieving **99.9% uptime** and robust scalability.
- ∗ **Managed Android/ios** deployments, fixed **20+** deployment bugs, and containerized services with **Docker** and **Kubernetes**.

TECHNICAL SKILLS

Languages: C/C++, JavaScript (ES6+), TypeScript, SQL (Postgres), NoSQL (MongoDB), HTML5, CSS3

Tools & Platforms: Git, GitHub, Docker, Kubernetes, AWS (EC2, ECS, ECR, EKS, S3, ALB, CloudFront, DynamoDB, RDS, Lambda, VPC), DigitalOcean, Vercel, Cloudflare Workers, Nginx, CI/CD (GitHub Actions, Jenkins)

Databases & ORMs: PostgreSQL, MongoDB, Prisma, Mongoose

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Recoil, Zod, NextAuth, Tailwind CSS, Shadcn UI, Material UI

DevOps & System Design: Containerization, Load Balancers, Docker Swarm, Helm, Monitoring (Prometheus, Grafana), Serverless, OpenAPI, Turborepo, Redis, Kafka, WebRTC, WebSockets, JWT Auth, gRPC, Testing(Unit Testing, Integration Testing, End to End Testing), Scaling & Resiliency

CERTIFICATIONS

- Google Cloud Digital Leader