

MohithSai Malla

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Education

Vignan's Institute of Information Technology (VIIT)
B.Tech in Computer Science | CGPA: 9.09

2023 – 2027

Skills

Languages: Java, Python, JavaScript, SQL

Frameworks: React.js, Next.js, Express.js, Node.js

Cloud & DevOps: AWS , Docker, Linux

Databases: MongoDB, MySQL, PostgreSQL

Tools: Git, GitHub, Postman, VS Code , Vercel

Core Concepts: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks

Experience

Frontend Developer Intern, [Safe Your Web](#)

April 2025 – July 2025 [\[Certificate\]](#)

- Developed and optimized **responsive UI components** using **React.js** and **Tailwind CSS** for scalability.
- Improved frontend performance through **lazy loading**, code splitting, and asset optimization.
- Integrated JWT-based authentication workflows across multiple modules and enhanced existing user interfaces.

Software Development Engineer Intern, [Zeon Games & Studio](#)

1st May 2026 – 1st July 2026 [\[Certificate\]](#)

- Enhanced the Zeon Games platform by implementing **responsive UI** features and improving the overall user experience.
- Implemented backend functionality for **game upload**, management, and administrative operations.
- Built the **game upvote system** by integrating frontend interfaces, backend APIs, and database operations.
- Performed functional testing and validated application features to improve software quality.

Freelance Full Stack Developer ([SoftwareJobs4Me](#) | [GameToAuction](#) | [SochAI Store](#))

Jan 2025 – Present

- Designed **3+ production-grade platforms** using **Next.js**, **React.js**, **Node.js**, **MongoDB**.
- Developed secure backend services with REST APIs, authentication, database integration, and role-based access control.
- Contributed to platforms with **300+ users** and **5K+ events** monitored using Google Analytics.

Projects

Version-Controlled Deployment Platform (React.js, Node.js, Express.js, AWS S3, MongoDB)

[GitHub](#) | [Live](#)

- Engineered a CLI Version Control System in **Node.js** with low-level file system logic for versioned snapshots.
- Architected an asynchronous pipeline using **AWS S3** for scalable blob storage and remote state persistence.
- Developed a hosting engine via **Express** and **MongoDB** to serve production assets via unique deployment URLs.
- Integrated **Socket.io** for real-time event communication and JWT for secure stateless authentication.

Distributed API Monitoring Platform (React.js, Node.js, Express.js, PostgreSQL, Telegram Bot API)

[GitHub](#)

- Engineered an event-driven API health-check system using **BullMQ**, **Redis**, **JWT**, and **PostgreSQL**.
- Implemented **real-time incident detection**, latency analytics, monitoring dashboards, and live updates with **Socket.IO**.
- Integrated **Telegram Bot** alerts to instantly notify API downtime, health logs, and performance metrics.

DeepFake Detector | AI-Based Media Verification Platform (Python, CLIP, CNN, TensorFlow)

[GitHub](#)

- Built a deepfake detection model using **CLIP embeddings** and forensic **CNN** for image and video authenticity analysis.
- Built a deepfake detection pipeline with **frame extraction** and **classification** achieving under **100ms** latency.
- Fine-tuned with frozen **CLIP encoders** and trainable LayerNorm heads, reducing GPU cost and improving generalization.

Achievements

- Selected as **DSA Lead** at AlgoZenith VIIT Club for the 2025 – 2026 tenure.
- Published a research paper in **IJITEST** on an AI/ML-based aquaculture monitoring system. [\[Certificate\]](#)
- Contributed to the design and development of the official college website — vignaniit.edu.in.
- Won **Pixel Perfect Challenge 2025** for developing the top-ranked React.js web application.

Coding Profiles

- 2 Star** on **CodeChef** with rating of 1470. | [mohith_malla](#)
- Top 14%** on **LeetCode** with rating of **1695** (500+ Problems Solved). | [MohithMalla](#)