

# SHASHWAT DWIVEDI

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

### Bachelor of Technology – Computer Science and Engineering

Vellore Institute of Technology, India

Sep 2022 – May 2026

CGPA – 8.58 (Present)

### Senior Secondary (CBSE) – 81.2%

2022

### Matriculation (CBSE) – 90.8%

2020

GVN The Global School, India

## SKILLS

**Programming Languages** Java | Python | JavaScript | SQL | TypeScript

**Technologies / Tools** React | Node.js | Express | MongoDB | Mongoose | Firebase | PostgreSQL | MongoDB | AWS |

Three.js | jQuery | Mongoose | DevOps | TensorFlow | SciKit Learn | HTML | Tailwind CSS

## EXPERIENCE

### Software Engineer - Intern

NHDC Limited

June 2024 – July 2024

Onsite

- Collaborated in enrichment of intranet site and Employee Information System (EIS) Portal managing 400+ employee's data.
- Dedicated 300+ hours, and designed and implemented scalable RESTful APIs using JavaScript and Express.js that handles over 500 requests daily, that automated rendering processes and significantly reduced manual labour.
- Reviewed and summarized the implementation of standardized SAP Material Management (MM) Module for the organisation

### Backend Developer - Freelance

Lazeez Hakeem

Aug 2023 – Oct 2023

Bhopal, India (Remote)

- Leveraged deep technical expertise to drive technical decisions and ensure the scalability, performance, and security of the organisation's food ordering web application. Consequently, delivered the project upholding client demands and quality.
- Fostered a culture of code quality within the team, implementing rigorous testing and continuous integration processes.

### Technical Developer

Women in Open Source, VIT-AP

May 2023 – June 2024

Amaravati, Andhra Pradesh, India

- Orchestrated the creation and deployment of advanced CTF contest platforms, streamlining registration, submission, and judging processes. Managed and organised contests with a cumulative of 200+ participants.

### Lead Tech Developer

Open Source Club, VIT-AP

Jan 2024 – Present

Amaravati, Andhra Pradesh, India

- Volunteered, Organized and Instructed an interactive session guiding and explaining the basics of Git and GitHub to freshers.
- Held a dual role as a technical developer and an Open-source contributor, showcasing versatile technical and design skills.

## NOTABLE PROJECTS

### Crypto Sentinels (WebApp, Full Stack, NLP, Web3) [🔗](#)

Aug 2023 - Jan 2024

- Developed a cross-platform WebApp utilising MERN stack. Utilised Python for web scraped data ingestion pipeline.
- Designed, Inspected and Trained a proprietary deep learning transformer model by utilising frameworks like Keras, TensorFlow and Scikit Learn to identify fraudulent cryptocurrency transactions and wallets using Elliptic++ dataset.
- Utilised AWS EC2 instance for deployment and WAF filtering along with other security mechanisms.

### Voice Commit (VS code Extension, UI/UX, SoX) [🔗](#)

Feb 2024 – April 2024

- A VS Code extension enabling users to record and manage voice memos using JavaScript and TypeScript (final Beta testing).
- Automated recording functionality with SoX and Node.js including file storage and metadata handling in the backend.
- Implemented an Express server for handling API requests. Built responsive UI and complex state management techniques ensuring seamless feature addition and enhancements.

## ACHIEVEMENTS AND CERTIFICATIONS

[Grand Finalist Smart India Hackathon \(SIH 2023\):](#)

[Relevant Certifications](#)

[LeetCode](#) and DSA: 200+ DSA questions solved across Leetcode and geeksForgeeks

Competitive Programming: Pupil on Codeforces (1300+ rating)