

# ANUBHAV JHA

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## EDUCATION

**Vellore Institute of Technology, Bhopal**

2023 - 2027 (Exp.)

*B.Tech in Computer Science and Engineering (AI & ML)*

GPA: 8.5 / 10

Relevant Coursework: Data Structures, Algorithms, AI, DBMS, Computer Networks, Linux, Software Engineering

## EXPERIENCE

**Quant Developer Intern**

Oct 2025 - Dec 2025

Alaka Research LLP

- Developing and coding financial models to solve key business problems in trading and investment.
- Developing and coding the backtesting engine - DRONA for generating backtesting reports for various strategies.

**Quant Developer Intern**

Nov 2024 - Jan 2025

Uniton Technologies Pvt. Ltd.

- Designed and built an automated trading system, creating a business solution for precise market entry.
- Optimized strategy parameters through data analysis, improving performance and risk requirements by 15%.

## SKILLS

**Programming Languages**

C++, Java, Python, JavaScript, TypeScript, SQL

**Frontend Technologies**

React.js, Next.js, Tailwind CSS, HTML, CSS, Bootstrap, Material UI

**Backend & DevOps**

Node.js, Express.js, REST API, MongoDB, AWS, Docker

**Tools & Methodologies**

Git, Linux, Agile Methodologies, Test Automation, CI/CD

## PROJECTS

**Thumbly – AI Thumbnail Generator**

[GitHub](#) — [Live](#)

- Developed and deployed a full-stack MERN application with user authentication, integrating the Google Gemini API to generate AI-powered custom thumbnails from user prompts.
- Created a responsive UI for style customization and a MongoDB backend to store user profiles and image history.

**Tech:** TypeScript, MongoDB, Express.js, React.js, Node.js, Gemini API, JWT, REST API

**OkPeople - Sign Language Detection Web App**

[GitHub](#) — [Live](#)

- Led the development of an AI-powered solution to address communication accessibility challenges.
- Assembled and configured a full-stack application using React.js and TensorFlow.js, deployed on Vercel.

**Tech:** JavaScript, React.js, TensorFlow.js, Vercel

**TrendPulse - Automated Trading Algorithm**

[GitHub](#)

- Developed a versatile, multithreading-based trading algorithm to automate and optimize a financial process.
- Configured and deployed the solution on AWS EC2, ensuring high availability and reliable performance.

**Tech:** Python, NumPy, Pandas, SmartAPI, AWS EC2

## CERTIFICATIONS

- AWS Technical Essentials (AWS Training & Certification) [View](#)
- Applied Machine Learning in Python by the University of Michigan (Coursera) [View](#)
- SQL (HackerRank) [View](#)