

ANUBHAV JHA

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EDUCATION

Vellore Institute of Technology, Bhopal <i>B.Tech in Computer Science and Engineering (AI & ML)</i> GPA: 8.5 / 10 Relevant Coursework: Data Structures, Algorithms, AI, DBMS, Computer Networks, Linux, Software Engineering	2023 - 2027 (Exp.)
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EXPERIENCE

Quant Developer Intern Alaka Research LLP	Oct 2025 - Dec 2025
• 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.	Nov 2024 - Jan 2025

Quant Developer Intern
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

Thumblly – 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

<ul style="list-style-type: none">AWS Technical Essentials (AWS Training & Certification)Applied Machine Learning in Python by the University of Michigan (Coursera)SQL (HackerRank)	View
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