

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, OOPS, DBMS, Computer Networks, Linux , AI	2023 - 2027 (Exp.)
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EXPERIENCE

Quant Developer Intern Alaka Research LLP	Oct 2025 – Dec 2025
• Developed and implemented financial models to address trading and investment use cases. • Designed and built a backtesting engine (DRONA) to generate performance reports for multiple strategies.	View

Quant Developer Intern Uniton Technologies Pvt. Ltd.	Nov 2024 - Jan 2025
• 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	Python , JavaScript, Java, C++, SQL
Frontend Technologies	React.js , Tailwind CSS, HTML/CSS, Material UI
Backend & DevOps	Node.js, Express.js , REST API, MongoDB, Docker, AWS
System Design & Tools	High-Level Design, Low-Level Design, Distributed Systems, Git , 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

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