

Veedushi Jain

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SUMMARY

AI & Full-Stack Developer with strong foundations in **Java, Data Structures, Algorithms, and Software Engineering**. Experienced in building scalable systems and AI-driven applications using Next.js, Node.js, and Machine Learning. **IEEE conference paper author** with applied research experience in predictive modeling and system evaluation. Proven ability to work in structured environments, follow test protocols, and deliver production-ready solutions.

TECHNICAL SKILLS

- Programming Languages:** C++, Java, Python, JavaScript, TypeScript
- Frontend:** React.js, Next.js, Redux, Tailwind CSS, HTML, CSS
- Backend:** Node.js, Express.js, REST APIs, JWT Authentication
- Databases:** PostgreSQL, MongoDB, Supabase
- AI / ML:** Machine Learning, Deep Learning, NLP, LLMs, Predictive Modeling
- Cloud & DevOps:** AWS, Vercel, Docker, GitHub Actions, CI/CD
- Tools:** Git, Linux, Figma

PROJECTS

- Convo Cortex – AI-Powered Personalized Interview Platform**  **Next.js, LLMs, OpenAI, Drizzle ORM**
 - Developed an AI-driven interview system that conducts adaptive, role-based interviews using large language models.
 - Designed dynamic question generation and follow-up logic based on candidate responses.
 - Produced structured interview feedback reports, reducing manual interviewer involvement.
- FINOVA - AI-Powered Finance Tracker**  **Arcject, Next.js, Gemini AI, Supabase**
 - Engineered a scalable finance platform using Next.js/Supabase, onboarding 100+ users in the first month.
 - Streamlined receipt scanning with Gemini AI, cutting manual entry by 75%.
 - Refined onboarding and dashboard UX, raising user retention by 30%.
- WorkQuanta – Productivity Task Manager Full Stack App**  **RestAPIs, React, Redux, Node.js**
 - Advanced React/Redux frontend to support 50+ active users, delivering smoother workflows.
 - Improved Node.js scheduling algorithms, reducing manual tasks by 40%.
 - Established CI/CD pipelines via GitHub Actions, minimizing release failures and accelerating deployments.

PUBLICATIONS

Clinical Decision Support through Machine Learning: Benchmarking LightGBM and Deep Learning Models for Diabetes Onset Prediction, published in the **IEEE International Conference on Applied Artificial Intelligence and Computing (ICAAIC 2025)**. Conducted comparative analysis of LightGBM and deep learning models focusing on predictive accuracy, performance benchmarking, and clinical decision support.

EXPERIENCE

- Developer & UI/UX Designer – Encrypta** **Jun 2025 - Oct 2025**
 - Overhauled 3+ key user profile modules in Figma, raising responsiveness and usability by 40%.
 - Developed Angular-based Personal Info module with live validation, decreasing input errors by 30%.
 - Improved cross-device UI stability, increasing customer satisfaction by 20%.
- Web Developer Intern – Zidio Development** **Feb 2025 – Mar 2025**
 - Optimized frontend to boost UX and cut load times by 32%.
 - Implemented real-time admin analytics tools, enhancing data visibility and monitoring speed by 25%.
 - Automated deployment processes with GitHub Actions, reducing release cycles by 40%.

EDUCATION

- Vellore Institute of Technology** **Bhopal, India**

B.Tech in Artificial Intelligence and Machine Learning CGPA: 8.86
Relevant Coursework: Machine Learning, Deep Learning, Data Structures, Algorithms, Computer Vision
Sept 2023 – Oct 2027
- City Montessori School** **Lucknow, India**

Class 12 (ISC) – 93.75% | Class 10 (ICSE) – 96.6%
Jul 2020 – Mar 2023

CERTIFICATES

- Cybersecurity Analyst Certificate – IBM** **Jun 2025**

Gained foundational knowledge in network security and risk management.
- Graph Theory Programming Camp – AlgoUniversity** **May 2025**

Completed under Codeforces Master Manas Kumar Verma, solving 17 advanced graph problems.

LEADERSHIP

Chairperson, Startup Club – Managed events, recruitments, and operations; previously Design Lead handling club branding.
Design Core, AWS Club – Designed posters for intercollege and campus tech events, boosting outreach.
Coordinated tech sessions, managed teams, and drove club initiatives.