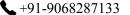
ADHISHTHAN ASHOK













EDUCATION

JSS Academy of Technical Education (BTECH in Information Technology)

Noida, Uttar Pradesh 2021 - 2025

SGPA: **8.2** | Percentage: **83%** (as of 7th semester) Modern Public School (Central Board of Secondary Education)

Bulandshahr, Uttar Pradesh

Class 12th: 92.2% | Class 10th: 94.4%

2019-2021

WORK EXPERIENCE

TecoreLabs | Certificate |

Apr 2025 - Present

Full Stack Developer

- Engineered and deployed scalable full-stack web applications using React.is, Node.is, Python, PostgreSOL, and Google Cloud Platform (GCP), ensuring high performance and clean modular code.
- Optimized the backend of a billing system, enhancing API response speed by 40% and overall performance by 30% through asynchronous handling, database indexing, and query optimization.
- Developed a role-based user platform focused on women empowerment, integrating secure multi-session management, two-factor authentication (2FA), and robust access control mechanisms.
- Led deployment workflows using WSL/Ubuntu, kubectl, and gl-cloud for secure cloud integration; collaborated with cross-functional teams using **Jira** for agile tracking and **Confluence** for project documentation.

EduCase | Certificate |

Sep 2024 - Nov 2024

Backend Developer Intern

- Optimized backend performance using **Node.js**, achieving a **60% reduction in response time** by applying the best coding practices, microservices architecture, and comprehensive documentation.
- Increased SQL query efficiency by refining queries and implementing proper indexing, reducing execution time by 30% and deepening expertise in complex queries and database schemas.
- Conducted testing and validation of over 130 APIs with Postman, ensuring system reliability and robustness through close collaboration with senior developers.
- Implemented performance improvements that **boosted system efficiency by 50%**, with successful deployment.

PROJECTS

Vroom Calling | Next.js | TypeScript | Shadcn/ui | Tailwind CSS | Clerk | Stream |

GitHub | Live Link

- Developed a scalable video calling and meeting web app for up to 10,000 users/month and up to 300 million users in the paid version. Leveraging Next.js for server-side rendering to enhance performance and SEO.
- Applied secure authentication with Clerk, improving **user login efficiency** through multiple platform options.
- Added features like Instant Meetings, Meeting Rooms, Upcoming and Previous Meetings with screen recording and sharing features, using Stream, increasing user engagement.

GlamGait | ReactJs | MongoDB | Node.js | Express.js | JavaScript | Tailwind CSS |

GitHub | Live Link

- Developed a scalable e-commerce platform with responsive UI, seamless navigation, and admin panel support.
- Designed secure RESTful APIs, integrated JWT-based authentication, and enforced role-based access control.
- Optimized media handling with Cloudinary, improving load times and reducing storage overhead.

TECHNICAL SKILLS

Programming Skills: C/C++, JavaScript/TypeScript, Python

Frontend Technologies: React.js, Next.js, Redux, Tailwind CSS, MaterialUI, Shadon/ui Backend Technologies: Node.js, Express.js, RESTful APIs, JWT, Cloud (AWS) Databases: SQL/NoSQL, PostgreSQL, MongoDB, Sequelize, Firebase, Cloudinary

Tools: Git, GitHub, Postman, ChatGPT, Figma, Wix, Framer, Vercel, Excel

Course Work: Database Management System, Object Oriented Programming, Computer Networks

ACHIEVEMENTS

- Published and presented the review paper "Decentralized File Sharing using Blockchain" at the 2025 4th OPJU International Technology Conference (OTCON 4.0); officially published in IEEE Xplore. LINK
- Achieved a top LeetCode rating of 1719 with over 800 DSA problems solved across multiple coding platforms.

CERTIFICATIONS