ADHISHTHAN ASHOK ⧉

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EDUCATION

JSS Academy of Technical Education (BTECH in Information Technology) — Noida, Uttar Pradesh **2021 - 2025**
CGPA: **8.4** | Percentage: **84%**
Modern Public School (Central Board of Secondary Education) — Bulandshahr, Uttar Pradesh **2019-2021**
Class 12th: **92.2%** | Class 10th: **94.4%**

WORK EXPERIENCE

TecoreLabs | Certificate ⧉   **Apr 2025 - Present**
Software Engineer
- Engineered and deployed scalable full-stack web applications using **React, Node.js, Python, PostgreSQL, and Google Cloud Platform (GCP),** ensuring high performance and clean modular code.
- Worked on the backend of multiple projects, with fast **API response** speed and a robust **performance** through asynchronous handling, database indexing, and query optimization and **ngrok** based local testing.
- 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 - Mar 2025**
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 400 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 ⧉   Tech Stack: **Next.js | TypeScript | Shadcn/ui | Tailwind CSS | Clerk | Stream |**   **GitHub** ⧉
- Developed a scalable video calling and meeting web app for up to **10,000** users/month. SEO using SSR.
- 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 ⧉   Tech Stack: **React | MongoDB | Node.js | Express.js | JavaScript | Tailwind CSS |**   **GitHub** ⧉
- 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, Next.js, Redux, Tailwind CSS, MaterialUI, Shadcn/ui
Backend Technologies: Node.js, Express.js, RESTful APIs, JWT, ngrok, Cloud (GCP, 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**. ⧉
- Achieved a top **LeetCode rating of 1719** with **over 800 DSA problems** solved across multiple coding platforms.

CERTIFICATIONS

- AI Agents and Agentic AI in Python: Powered by Generative AI Specialization – **Coursera** ⧉
- Backend Development – **IBM, Coursera** ⧉
- AWS Cloud Technical Essentials – **AWS, Coursera** ⧉