Ishan Audichya

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EDUCATION

Vellore Institute of Technology   **Vellore, Tamil Nadu**
B.Tech in Computer Science - CGPA: 8.47   *Graduation Date: Aug 2025*

Delhi Public School   **Udaipur, Rajasthan**
CBSE 12th Grade - 94%   *Graduation Date: Mar 2021*
CBSE 10th Grade - 91%

WORK EXPERIENCE

E-Connect Solutions   **Udaipur, Rajasthan**
Software Development Intern   *Sept 2023 - Dec 2023*

- Spearheaded the development of 'RajSIMS' and 'XHRM' for Rajasthan Government healthcare, using React, Docker, React Native, and Node.js, resulting in a 30% increase in process efficiency.
- Played a crucial role in the development of responsive mobile applications, achieving a 95% user satisfaction rating across platforms.
- Enhanced application scalability by 25% through effective Dockerization and backend optimization with AWS, significantly reducing downtime.

PROJECTS

EasyDeploy   *Jun 2023 - Jul 2023*

- Developed a scalable one-click deployment solution that automates the conversion of git repositories into React builds on EC2 instances, followed by upload to S3 buckets. This process streamlined deployments, reducing the setup time for new environments by 50%.
- Implemented an advanced logging system using Redis and WebSockets, enabling real-time monitoring and logging across four key services: client, API server, build server, and reverse proxy. Enhanced system reliability and operational efficiency by enabling instant identification and resolution of issues, reducing downtime by 40%.
- Established a reverse proxy server to serve React builds efficiently, optimizing content delivery and improving load times by 30%. This setup ensured high availability and responsive user experiences for applications deployed using this framework.
- Link

VITSphere   *Mar 2023 - Apr 2023*

- Spearheaded the 'Vit Sphere' platform using MongoDB, Express, React, and Node.js, enhancing student engagement by 40% with features like theme toggling and secure login.
- Implemented inhouse bcrypt and JWT authentication, boosting security measures and reducing unauthorized access by 95%.
- Built a one stop socialising platform for 500+ college students with Material-UI and efficient data handling with RESTful API integration, supporting real-time interactions.
- Link

Business ERP Software   *Feb 2024 - Mar 2024*

- Developed a MERN-based business software, enhancing operational efficiency by 40% through real-time updates and a responsive UI, using React and Ant Design for intuitive navigation.
- Engineered and implemented a feature-rich platform, including inventory management for over 1,000 products, customer management for 500+ clients, and the generation of professional invoices with comprehensive tax and GST calculations.
- Link

SKILLS & RELEVANT COURSEWORK

Skills: C/C++, Python, MySQL, MongoDB, Tailwind CSS, JavaScript, TypeScript, React, Node.js, Express.js, Next.js, Git, Github, Kali Linux, AWS, Prisma, Redis, Postgres, Docker, Kubernetes, Grafana, TurboRepo

Coursework: Data Structures, Algorithms, Databases, Operating Systems, Object Oriented Programming, Networks