Vineet Jana

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Education

Institute of Technical Education And Research (S'O'A University)	2021-2025
B.Tech. in Computer Science and Technology	CGPA: 7.9/10

S.E.Rly Mixed Senior Secondary School (CBSE)	2020
Higher Secondary Education	Marks: 90%

Projects

My CHAT — *React, Node.js, Express.js, MongoDB, Tailwind, Git*
Personalized Web Chatting Application

- Developed a fullstack chat application optimizing real-time messaging, data storage, and file sharing.
- Designed a scalable backend infrastructure using Node.js, enhancing performance and reducing response time by 40%.
- Implemented a JWT authentication system With MongoDB, ensuring high data security.

My-AR — *React, Three.js, MongoDB, Git*
AR Web Application for Custom Model Upload and AR Experience

- Optimized image and plane tracking algorithms to achieve 95% accuracy and significantly reduce model load time, delivering seamless 3D model placement and a smoother AR experience.
- Developed a user-friendly fullstack platform allowing users to upload and integrate personalized 3D models, enhancing customization capabilities.
- Implemented user-based authentication to efficiently store and manage 3D models, ensuring cross-device accessibility and consistent user experiences.

CLI-ToDo — *Golang, Go Standard Library, JSON, Git*
Command-Line ToDo Application

- Built a Go-based CLI application for managing tasks, enabling users to add, list, complete, and delete to-dos.
- Utilized the Go standard library and JSON for seamless data handling and storage.
- Designed for embedded systems to efficiently manage tasks on low-power, memory-constrained devices.

Experience

Twinverse Technology ‖ *Onsite* — Aug 2023 - Aug 2024
Full Stack Developer — *React, Three.js, Babylon.js, MongoDB*

- Led a software team of 8 to successfully complete 3 client projects.
- Developed a full-stack Virtual Reality (VR) solution using Three.js and React, driving a 20% increase sales for the client.
- Collaborated with cross-platform teams to innovate and implement new feature solutions.
- Improved software architecture and optimized delivery pipelines, reducing deployment time.

Volunteering

S'O'A Fablab — *Jan 2022 - Jun 2023*
Core Member

- Organized Google I/O Extended and Azure DevDay in my college, drawing 200+ attendees and promoting tech knowledge.
- Executed two major Hackathons, Code For Odisha and Innovate Odisha 1.0, with 20+ teams from Odisha, encouraging student innovation.
- Delivered seminars on REST APIs and Frontend Development (HTML, CSS, JavaScript) to over 50 participants.

Achievements

1. Pitch Competition - Winner GITEX Global Dubai Supernova YouthX Unipreneur Award 2022
2. G20 India Exhibition - Exhibited project at G20 India (Sikkim & Bhubaneswar) only 20 Selected teams in India
3. International Exhibition - Exhibited at GITEX Global Dubai 2022, Indian Mobile Congress 2023

Skills

Languages: C, Python, Go, JAVA, JavaScript, Shell Scripting
Technologies & Frameworks: React.js, Node.js, Express.js, Three.js, React Three Fiber, git
Protocols: TCP/IP, UDP, HTTP
Databases: MongoDB, MySQL
Soft Skills: Problem Solving, Organizational,Time Management, Communication

Certifications

Google Cloud Fundamentals: Core Infrastructure
Google CyberSecurity Professional (8 courses Certifications)