

SALONI NANDA

MERN STACK DEVELOPER & VIRTUAL REALITY DESIGNER

At-Sipura, Po-Mahanga, Dist-Cuttack, Odisha-754206
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OBJECTIVE

- Highly skilled and versatile software developer with proficiency in C, Python, JavaScript and front-end development.
- Completed a comprehensive MERN Stack development course to further enhance my Web Development capabilities.
- Proficient in developing 3D objects and creating 3D Virtual real-time environments with proper design.
- Proficient in 3D webpage development with parallax effect, 3D transition etc.
- Holds an impressive SGPA throughout academic career, showcasing consistence academic excellence.
- Demonstrates strong problem solving skill across various domain including Software Development and 3D design.

EDUCATION

• B. Tech (Computer Science &Engineering) Bhubaneswar	9.18CGPA	2021-2025
• 12 th CHSE-PCMB GyanBharati Institute of Sc. And Tech. Odisha		2021
• 10 th BSE Mahabir Bidyapitha, Mahanga Odisha		2019

INDUSTRIAL TRAINING

1. **Quotus Software Solutions** – MERN Stack Developer
Location: Nalanda Institute of Technology, Bhubaneswar
Duration: [Feb/2025 – June/2025]

INDUSTRIAL TRAINING

2. **Quotus Software Solutions** – MERN Stack Developer
Location: Nalanda Institute of Technology, Bhubaneswar
Duration: [Jan/2025 – Feb/2025]
3. **Cognifyz Technologies** – Web Developer
Location: Remote
Duration: [June/2024 – July/2024]
4. **Twinverse Technology pvt. Ltd.** – 3D model designer & Web Developer
Location: Bhubaneswar
Duration: [Apr/2024 – July/2024]
5. **DMN edTech** – Virtual reality developer (basic and advanced)
Location: Bhubaneswar
Duration: [Aug/2024 – Sep/2024]

PROJECT

1. **E-commerce Website Development:**
 - Tech stack: MERN (MongoDB, Express.js, React.js, Node.js)
 - Developed a fully functional **e-commerce platform** with features such as **user authentication, wishlist and cart management**, and **responsive design** for both mobile and desktop.
 - Integrated **restful APIs** for product handling and enhanced user interaction.
 - Gained hands-on experience in **managing user sessions**, implementing **secure login/register systems**, and building scalable backend logic with Payment Gateway.
 - Focused on clean UI/UX using React and Tailwind CSS, with optimized performance for real-time product display.

2. Virtual tour of Shree Jagannath Temple, Puri:

- Tech stack: 3D model design and Virtual reality Integration
- **Virtual Reality Designed virtual environment and external design of the place.** Facilitate virtual tourism which will be helpful for tourist like physical disability, time and place concern etc.

3. 3D Website Design with Interactive Visuals:

- Tech Stack: React.js, Three.js, Tailwind CSS, GSAP, Blender
- Designed and developed an interactive **3D website integrating custom 3D models using Three.js** and assets created in Blender.
- Implemented **3D transition effects and parallax scrolling designs** to create a visually immersive and engaging user experience.
- Used GSAP and custom shaders for animations and transitions, enhancing interactivity.

4. Hotel Booking Application:

- **Tech Stack:** MERN (MongoDB, Express.js, React.js, Node.js)
- Built a comprehensive **hotel booking system** with **separate user and admin panels**.
- Users can **browse hotels, filter by location/category/facilities, book rooms**, and make **secure payments** (e.g., Razorpay integration).
- Admins can **add/edit/delete hotel listings, view bookings**, and manage user data through a dedicated dashboard.
- Implemented **JWT-based authentication, bcrypt password hashing, and role-based access control**.
- Ensured full **responsiveness**, intuitive interface, and seamless backend connectivity using RESTful APIs.

TECHNICAL SKILLS

- HTML
- CSS
- Javascript
- MERN (React.js, Node.js, Express.js, MongoDB)
- Javascript Libraries (Three.js, React Three Fibre, GSAP Scroll Trigger)
- 3d Parallax Effect
- Python (Basics)
- 3D design
- Virtual Reality
- C (Basics)
- Git, Github
- Payment Gateway Integration

AWARDS AND ACHIEVEMENTS

- Certified as Best Start-up Idea at Startup day festival at AIC Nalanda.
- Completed Ideanest 4.0 Pre Incubation program.
- Recognised as finalist at Start-up Yatra 2024.
- Approved as top participant at Utkal Fab fest.
- Winner at OCPARVR 3.0, IIT Bhubaneswar – AR/VR solutions for cultural heritage.
- Presented at BPUT Business Academia Conclave – Virtual Reality in Tourism & Architecture
- Winner at BPUT Hackthon , 2025

PERSONAL DETAILS

- **Date of Birth:** 03/01/2005
- **Languages Known:** Hindi, English
- **Address:** At-Sipura, Po-Mahanga, Dist-Cuttack, Odisha-754206

DECLARATIONS

I hereby declare that all the information provided above is true to the best of my knowledge.

Date:

Place: Bhubaneswar

Signature