

Partha Sarathi Rautaray

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EDUCATION

Centurion University Of Technology And Management <i>MCA</i>	<i>CGPA: 8.85</i>	Odisha, India <i>july 2024</i>
Utkal University <i>BSC (Chemistry)</i>	<i>CGPA: 7.59</i>	Odisha, India <i>june 2023</i>
P.N Heigher Secondary School <i>12th (Science)(CHSE)</i>	<i>Percentage : 65.5</i>	Odisha, India <i>july 2020</i>
S.S.V.M <i>Board (HSE)</i>	<i>Percentage : 65.5</i>	Odisha, India <i>aug 2018</i>

SKILLS SUMMARY

- **Languages:** JAVA, JavaScript, TypeScript, SQL , C , C++
- **Frameworks:** NEXT.JS, Express.JS, mongoose
- **Libraries:** React.JS
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Other Technology:** HTML, CSS
- **Tools & Utilities:** Git & GitHub, DaVinci Resolve, After Effects
- **Languages:** English, Hindi, Odia

PROJECT

- **E-Card WebApp Frontend Project (JS)**
 - **Project Overview:** Developed a dynamic online shopping interface using JS DOM manipulation. Implemented a search bar with real-time name hints . Built an interactive cart feature, displaying selected items with descriptions, prices, and images, accessible via a top-right corner icon also user can Like item , select , Remove from cart.
 - Tech Stack:** JavaScript, HTML, Tailwind CSS.
- **RealTime-Location-Tracking Backend Project (Express Js)**
 - Description :** Built a real-time location tracking system similar to Swiggy and Zomato, utilizing Socket.io for instant updates. Enabled multiple device tracking, displaying distinct locations on an interactive map using Leaflet.js.
 - Tech Stack:** Socket.io, JavaScript, Leaflet.js, Express Js.
- **MemoryLane - Photo Collection Web App Backend Project (Express Js)**
 - Description:** Developed a backend-focused photo collection app with full user authentication. Implemented secure routes for users to upload, edit, and delete memorable images along with notes. Utilized Express.js to manage all CRUD operations efficiently.
 - Tech Stack:** Node.js, Express.js, MongoDB, HTML, CSS, EJS, Bcrypt, JWT, Session and Cookies.
- **Like & Comment Features in Facebook Clone FaceBook (Express Js)**
 - Project Overview:** Developed a backend-focused clone of Facebook's Like and Comment features, implementing robust user authentication and security practices. The project showcases the integration of multiple technologies to manage user sessions and handle complex data relationships.
 - Key Responsibilities and Achievements:**
 - User Authentication:** Implemented Bcrypt and JWT for secure password hashing and token-based authentication, ensuring safe session and cookie management.
 - Database Design:** Designed and connected two Mongoose models (User and Post) to establish one-to-many relationships, enabling users to create multiple posts , also can edit . In Like feature if 1 like is done the next time it shows unlike automatically.
 - Technology :** Node.js, Express.js, Mongoose, HTML, CSS, EJS, Bcrypt, JWT, Sesson , Cookies
- **ToDoList Web App (JavaScript)**
 - Description:** Designed and implemented a ToDoList web application aimed at facilitating efficient task scheduling and management. Included features such as user-friendly task creation and management, as well as real-time task updates and status tracking capabilities which Showcased proficiency in front-end and back-end development, resulting in a practical and interactive task management tool.
 - Technology:** HTML, CSS, JavaScript, Node.js, Express.js, EJS(Template Engines), MongoDB, mongoose.