SHASWAT KUMAR MISHRA

Bhubaneswar, Odisha

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EDUCATION

Siksha O' Anusandhan, ITER   **2022 – 2026**
*Computer science and information technology - **CGPA** - **9.31***   *Bhubaneswar, India*

SSVM NK NAGAR   **2019 – 2021**
*Council of higher secondary education, Odisha - 12th - **Percentage** - **93%***   *Berhampur, India*

MAV School   **2019**
*Indian Certificate of Secondary Education - 10th - **Percentage** - **93.8%***   *Berhampur, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Computer organisation and architecture
- OOPS Concept
- Web Development
- Algorithm Design
- React

PROJECTS

Interview Prep ⎘ | Next.js, React, Shadcdn/ui   **Live site here**

- Developed and Deployed InterviewPrep: **Created a mock interview app using Next.js, React, Clerk for authentication, and Drizzle ORM with Neon Serverless PostgreSQL for backend management; deployed the application using Vercel.**
- Integrated AI and Feedback Mechanisms: **Utilized Google Studio AI for generating interview questions, providing real-time feedback, used React hooks to record user answers, and added an AI Chat-Bot enhancing interactivity and user engagement.**

ChatNow ⎘ | Nodejs, Express, React, Mongo, Tailwind css   **Live site here**

- Developed Chat Application: **Created a real-time chat application using the MERN stack (MongoDB, Express.js, React, Node.js), integrated with Socket.io for live messaging, and styled with TailwindCSS and Daisy UI. Added a feature for users to change the chat background.**
- Implemented Authentication and Messaging: **Utilized JWT for secure authentication and authorization, and enabled real-time communication with Socket.io for an interactive chat experience.**

GeoTracker ⎘ | Node.js, Express, EJS, leaflet   **Live site here**

- Developed Real-Time Tracker: **Built a real-time tracking application using Socket.io, Node.js, and Express.js for backend services, and EJS for templating, integrating Geo Navigation and OpenStreetMap for location tracking.**
- Enhanced Visualization: **Implemented Leaflet for interactive map visualization, enabling users to view and track real-time locations with accurate geographic data.**

INTERNSHIP

Chegg   **Nov 2023 – Feb 2024**
Subject matter expert - Computer science   *Remote*

- Ensured Accuracy and Clarity: **Delivered accurate and well-articulated step-by-step solutions, addressing student queries with clear explanations.**
- Optimized Techniques: **Reviewed and refined processes to ensure the adoption of optimal techniques for problem-solving.**
- Effective Communication: **Developed and communicated performance metrics and information pertinent to organizational processes.**
- Simplified Complex Concepts: **Transformed complex problems into easily understandable solutions, enhancing student comprehension and learning outcomes.**

TECHNICAL SKILLS

Languages: C++, Java, C, python, JavaScript, SQL, PHP
Developer Tools: VS Code, Eclipse, Intellij, Git, Github, Bash Command Line
Technologies/Frameworks: HTML 5, CSS 3, Bootstrap 5, jQuery, React.js, React Hooks, Mongo, Node.js, REST APIs, Express.js, EJS, SQL, PostgreSQL, Firebase, Blockchain technology, Token contract development, Next.js, Tailwind CSS, Shad CDN, Socket.io, Clerk, Geonavigation, Gemini, Google Studio AI, PHP