Abhishek Kumar

Bachelor of Technology
in Computer Science Engineering
Kalinga Institute of Industrial technology, Bhubaneshwar

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GitHub
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EDUCATION

Degree	Institute	Board / University	CGPA	Year
B.Tech CSE	Kalinga Institute of Industrial Technology	Bhubaneshwar	8.32 (Till 6th Sem)	2021-2025
Senior Secondary	MKD Public School	CBSE	71%	2021
Matriculation	ShantiNiketan Jubilee School	CBSE	70%	2019

PROJECTS

- **A Comprehensive Video Streaming Platform**
  Self   **Github**
  - Developed a feature-rich video streaming platform that allows users to register, upload and view videos, create and manage playlists, subscribe to channels, like and comment on videos, and track view counts.
  - Implemented a robust backend using Node.js, Express.js, and MongoDB with Mongoose for database interactions, ensuring data integrity and efficient querying.
  - Enhanced security by integrating bcrypt for password hashing, and JSON Web Tokens (JWT) along with cookies for secure authentication and session management.
  - Optimized user experience and functionality through RESTful API design, enabling seamless interactions and data retrieval across the platform.

- **Doctor Appointment System**
  Self   **Github Deployed**
  - Developed a Doctor Appointment System where patients can create accounts and schedule appointments with doctors.
  - Implemented a feature for users to apply as doctors, with an admin approval process.
  - Utilized React, Node.js, Express.js, MongoDB, and CSS, and implemented security measures using cookies and JSON Web Tokens.

- **E-commerce Website**
  Self   **Github Deployed**
  - Developed an e-commerce website enabling shopkeepers to create accounts, sell products, and buyers to create accounts, purchase products, and add to cart.
  - Utilized React, Node.js, Express.js, MongoDB, and CSS, and implemented security measures using cookies and JSON Web Tokens.

TECHNICAL SKILLS

- **Programming Languages**: C++,Java,Object-Oriented Programming (OOP), C ,Python, DSA, JavaScript, Node Js, Express Js, React Js, HTML, CSS
- **Additional Skills**: MS Excel,Power BI, Blockchain
- **Tools and Frameworks**: Visual Studio Code, MYSQL Workbench, MongoDB, Git, Github, Anaconda, Tailwindui
- **Operating Systems**: Windows, Linux, WSL & Ubuntu
- **Soft Skills** : Problem Solving, Design Thinking, Continuous learning, Project Management, Collaboration, Communication and Negotiations.

PUBLICATIONS

- I have been a part of a team that authored a review paper titled "Convergence of IoT, Blockchain, and 6G for Smart, Secure, and Efficient Applications", which is currently under review for publication in a journal. My specific contribution to the team was centered on the blockchain segment, where I reviewed and synthesized findings from approximately eight research papers.