Ashish Kumar Sahu

+918084600787 | sahu69270@gmail.com | linkedin.com/in/ashish | github.com/ashish

EDUCATION

National Institute of Technology, Rourkela   Rourkela, Odisha
Bachelor of Technology in Electronics and Instrumentation Engineering (CGPA–8.28)   *Dec 2021 – June 2025*

Prabhujee English Medium School   Bhubaneshwar, Odisha
All India Senior School Certificate Examination (Percentage–96.4%)   *July 2019 – June 2021*

St. Joseph's Convent High School   Musabani, Jharkhand
Indian Certificate of Secondary Education (Percentage–94.0%)   *Apr 2016 – May 2019*

EXPERIENCE

Advanced Application Engineering Analyst   May 2024 – July 2024
Accenture | Certificate of Completion   *Bengaluru, Karnataka*

- Developed a Node.js-based full-stack application, containerized it using Docker, and deployed it on a Kubernetes cluster consisting of 1 master node and 2 worker nodes, each running on a Microsoft Azure Virtual Machine (Ubuntu Server 24.04 LTS).
- Exposed the application on the web using the public IP, ensuring scalability, high availability, and resource efficiency.
- Securely implemented the encryption of the user data in the MongoDB cloud database, adhering to the 128-bit Advanced Encryption Standard (AES).

PROJECTS

iNotes | *Node.js, EJS, Tailwind, Express.js, Docker, Kubernetes, Azure*   GitHub | Link

- Developed the web application for efficient and secure management of user's notes.
- Implemented Google OAuth2.0 using passport.js for reliable user authentication.
- Secured the user data in MongoDB Atlas database using encryption.
- Executed the Gzip compression, ensuring a faster load time of 0.12s on the website.

MyFolio | *HTML, CSS, Javascript, Botpress*   GitHub | Link

- Developed a responsive portfolio website showcasing my technical acumen in a structured way.
- Implemented smooth transitions and effects for an enhanced user experience.
- Created a chatbot which uses GPT-4o mini to converse and answer common user queries regarding my resume.

TECHNICAL SKILLS

Languages: C/C++, SQL, JavaScript, HTML/CSS
Frameworks: Node.js, Tailwind, Flowbite, Express.js
Developer Tools: Git, Docker, Microsoft Azure, VS Code, MySQL
Relevant Courses: Data Structures & Algorithms, OOPs, DBMS, CN
Others: Kubernetes, Github, Dockerhub, npm

EXTRA–CURRICULAR ACTIVITIES

Graphic Designer | *Institute Counselling Services*   Nov 2022 – May 2024

- Created engaging social media posters that supported the organization's vision.
- Designed 30+ which were posted on social media.
- Worked in a team of 8 enthusiastic designers and completed the tasks within deadlines.

Class Representative | *National Institute of Technology, Rourkela*   July 2022 – June 2024

- Served as the class representative of Electronics and Instrumentation Engineering batch of 2025.
- Bridged the gap and acted as a link between the professors and 70+ students of the batch.
- Solved the day-to-day queries of the students demonstrating leadership qualities.