

SHUBHAM KUMAR JHA

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EDUCATION

Kalinga Institute of Industrial Technology

Bachelor in Computer Science and Engineering ; CGPA: 8.06

Bhubaneswar, India

2022 – 2026

EXPERIENCE

- **VeriStream - Real-Time Misinformation Detection — Github:** Dec 2024 - Present
 - Led the development of VeriStream, an AI-powered tool for detecting misinformation during live broadcasts, selected among 5.6K+ teams for the Truth Tell Hackathon.
 - Designed and developed a misinformation detection platform using **Next.js**, leveraging ShadCN components for a seamless and responsive user interface.
 - Implemented advanced AI-based misinformation detection using a custom-built pipeline incorporating **speech-to-text conversion**, **video processing**, and **knowledge graph visualization**.
 - Engineered a robust back-end API for detecting and analyzing misinformation, integrating libraries such as **video-processing.js** and **misinformation-model.js**
 - Delivered actionable insights through **real-time fact-check results** and interactive knowledge graphs for enhanced user engagement.
- **Python Full Stack Virtual Internship - AICTE:** Oct 2024 - Dec 2024
 - Completed a 10-week virtual internship focused on full-stack development using Python.
 - Gained hands-on experience in building and deploying web applications with front-end and back-end integration.
 - Developed skills in frameworks such as Django/Flask and implemented RESTful APIs for efficient communication between services.

PROJECTS

- **AspireX - AI-Powered Career Guidance System — Github:** Jan 2025
 - Developed an AI-driven platform delivering personalized career path recommendations, tailored roadmaps, and skill-gap analysis using psychometric assessments and advanced models like Random Forest, KNN, SVM, and BERT.
 - Integrated Crisis Adaptation Toolkit (MDP), Virtual job simulations, NLP-based resume scanning, and Job trend analysis (ARIMA) to align skills with market demands and enhance employability.
 - Aims to enhance employability by 30% and reduce career mismatches by up to 40%.
- **Authify - FullStack Web Application with Advanced Features — Github:** Jan 2025
 - Built a production-grade full-stack web application using **Next.js**, implementing best practices for scalable and efficient development.
 - Utilized modern development practices such as ZOD for validation, React Hook Form for form handling, and integrated AI features for enhanced user experience.
 - Implemented secure user signup and OTP-based verification using Next Auth and AuthJS for seamless authentication.
 - Enhanced user interaction by handling messages and aggregations with pipelines, showcasing strong database integration skills.

SKILLS

Technologies: C/C++, Python, HTML/CSS, JavaScript/TypeScript, RUST, SQL, MERN, Nextjs, shadcn, Tailwind, Git/GitHub , AuthJS/Next Auth

Soft Skills: Communication, Presentation, Documentation, Adaptability, and Resilience

Activities: Video Editor at GDG, GFG KIIT Chapter.

ACHIEVMENTS

Certifications : PythonFullStack, GEN AI, Architecture job simulation.

SIH Hackathon: Developed AspireX as part of a top-selected team among 400+, focusing on AI for career guidance.

Conference Paper: Co-authored a pending publication on ML-based medicine recommendations using symptom analysis.