

# Smriti Jha

sjha58101@gmail.com  
linkedin.com/in/jhasmriti31

+91-9764400681  
github.com/jha-smriti  
Bhubaneswar, Odisha

## PROFILE

Motivated B.Tech (IT) student with 9.0 CGPA and hands-on experience in full-stack development, AI/ML modeling, and IoT systems. Demonstrated expertise in developing chatbots, APIs, and intelligent automation systems using modern technologies like React, Node.js, Python, and AWS. Active contributor to research in digital health, smart agriculture, and predictive modeling. Strong foundation in DevOps practices and cloud technologies with proven ability to work in Agile environments.

## EDUCATION

- **KIIT University** 2022 – 2026  
*Bachelor of Technology in Information Technology* Bhubaneswar, India
- **Chinmaya Vidyalaya Tarapur** 2021 – 2022  
*Higher Secondary Certificate, 85.6%* CBSE Board
- **Chinmaya Vidyalaya Tarapur** 2019 – 2020  
*Secondary School Certificate, 95.6%* CBSE Board

## PROFESSIONAL EXPERIENCE

- **Providence India** May 2024 – July 2024  
*Service Engineer Intern* Remote
  - Developed Cloud Revive using React (TSX), MSAL, OAuth 2.0, and Microsoft Azure
  - Built role-based UI, secure login flows with token renewal, and seamless session management
  - Resolved CORS, redirect URI, and token expiration issues; boosted approval flow efficiency by 35%
- **KIIT University - Student Research Centre** Aug 2024 – Mar 2025  
*Student Research Intern* Bhubaneswar, India
  - Developed IoT-based aquaponic monitoring using Python, sensors, and real-time analytics
  - Improved environmental monitoring accuracy by 95% and system efficiency by 30%
  - Led biodegradation study identifying 3 potent microbes; presented at research symposium
- **AICTE (Govt. of India)** Nov 2024 – Jan 2025  
*Virtual Intern* Remote
  - Built AWS-based automated plant growth monitoring system with IoT sensors
  - Implemented cloud analytics via AWS IoT Core and S3 with 98% system uptime

## PROJECTS

- **Cloud Revive: Asset Management System** May 2024 – Jul 2024  
*React, TypeScript, MSAL, Azure, REST APIs, SQL, CLI, Terraform, SSMS*
  - Built secure full-stack cloud platform with OAuth 2.0 and session-based authentication
  - Achieved 98% login success with role-based UI routing and seamless API integration
- **Student Registration Chatbot** In progress  
*Python, NLP, NLTK, Flask, REST*
  - Spearheading the development of a chatbot designed to automate student registration queries for academic management systems.
  - Targeting support for 500+ queries with an accuracy goal of 85% using Natural Language Processing and NLT
  - Planning seamless integration with student management systems via RESTful APIs and Flask.
- **RetireWell: Financial Planning Tool** Jan 2024 – Continued  
*Python, scikit-learn, React, Flask*
  - Built ML-based retirement planner with 90% prediction accuracy and interactive UI

## TECHNICAL SKILLS

---

**Languages:** Python, Java, C++, JavaScript, TypeScript, SQL, HTML, CSS

**Frontend:** React.js, TypeScript, HTML5, CSS3, JavaScript ES6+

**Backend:** Node.js, Django, Flask, REST APIs

**Cloud/DevOps:** AWS (IoT Core, Lambda, S3, EC2), Microsoft Azure, Docker, CI/CD

**Authentication:** MSAL, OAuth 2.0, JWT, Azure AD

**Databases:** MySQL, MongoDB, PostgreSQL, SQL Server

**ML/AI:** TensorFlow, Keras, scikit-learn, Pandas, NumPy

**Tools:** Git, GitHub, GitLab, VS Code, Postman

**IoT/Hardware:** Arduino, Raspberry Pi, Sensor Integration

## CERTIFICATIONS AND ACHIEVEMENTS

---

- AWS Cloud Architecting and Foundations - Amazon Web Services
- IBM DevOps and Software Engineering Certificate - IBM
- Cisco Networking Certificate - Cisco Systems
- Myntra HackerRank Challenge Participant - Myntra
- AICTE Virtual Internship Certificate - KIIT University
- Dean's List - Consistent 9.0+ CGPA
- Research Presenter - KIIT Student Research Symposium

## ADDITIONAL INFORMATION

---

**Languages:** English (Fluent), Hindi (Native)

**Interests:** Open Source Contributions, Sustainable Technology, AI Ethics