ASHUTOSH MITRA

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Results-driven Information Technology undergraduate with robust training in full-stack development. Experienced in deploying AI-powered apps, scalable backend systems, and enterprise-grade solutions. Eager to innovate and contribute towards organization's success.

EDUCATION

Udayanath Autonomous College of Science and Technology
B.Sc. in ITM (Information Technology and Management)
Grad. May 2026 | CGPA: 8.7 | Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS, OOP

Krishnamurty World School
PCM with Computer Science
Grad. May 2023 | Per: 78%

Krishnamurty World School (Formerly St. Xavier's High School)
10th Standard
Passed with Distinction May 2021 | Per: 90%

SKILLS
PROGRAMMING
Languages:
- Advance: Java
- Intermediate: TypeScript
- Novice: Python

Tools:
- Git
- Windows
- Spring Tool Suite

Framework & Library:
- Angular
- Spring Boot
- React JS

Technologies:
- Oracle SQL and MySQL
- Artificial Intelligence
- Cybersecurity
- Tableau

Technologies Explored:
- C++, C#, Azure Dev Tools, GitHub Actions

PROFESSIONAL SKILLS
- Technical Leadership
- Public Speaking
- Presentation Skills

CERTIFICATIONS
- AICTE "AI for Students" Internship powered by Microsoft & SAP
- Machine Learning with Kaggle
- Cybersecurity Training (IBM + Edunet Foundation)
- AWS APAC - Forage Job Simulation
- Deloitte Australia Job Simulation
- TCS iON Career Edge

LANGUAGES KNOWN

English, Hindi, Bengali and Odia.

EXPERIENCE

Student Intern | May 2024 – Present
Java Technocrat | Bhubaneshwar, Odisha, India
A company focusing on Java development and training.
- Designed & delivered enterprise-grade full-stack applications using Java, Angular, and RESTful APIs.
- Completed 2000+ hrs training across Core & Advanced Java – including JDBC, multithreading & layered architectures.
- Built Student Management System handling 100+ records using SQL + JDBC, demonstrating scalable backend logic.
- Practiced agile collaboration, and Git-based versioning.

AI and Cybersecurity Intern | Jan 2025 – Feb 2025
Edunet Foundation
An innovation-driven foundation empowering youth in emerging technologies.
- Delivered AI Healthcare Chatbot using Hugging Face, NLTK & Streamlit, supporting real-time symptom triage for 20+ conditions.
- Built Java-based Steganography System encrypting 1000+ character payloads via LSB techniques.
- Applied best practices in AI, ML, NLP, and Cybersecurity with 100% agile delivery.

PROJECTS

Tasty Town – A Robust Spring Boot Backend System   07/2025-Present
Tasty Town is a comprehensive backend-centric food delivery management system built using Spring Boot. Designed with scalability and modularity in mind, the platform powers core operations of a virtual food ordering ecosystem. It emphasizes clean RESTful API design, efficient database interaction, and secure access control.
- **Tech Stack:** Java, Spring Boot, MySQL, PostgreSQL, RESTful APIs, Maven, Postman and Swagger for Testing.

Java-Based Student Management System   06/2024-09/2024
Designed to manage student data including enrolment details and courses.
- Improved a Student Management System using Java and SQL.
- Implemented CRUD operations with SQL.
- Handled database connectivity with JDBC.

AI-Enabled Healthcare Chatbot   01/2025-02/2025
- An AI-powered HealthCare Chatbot using Hugging Face models!
- This project was part of my AICTE Internship on AI: Transformative Learning with TechSaksham - an insightful initiative by Microsoft & SAP, in collaboration with AICTE (All India Council for Technical Education).
- Technologies Used include Hugging Face Transformers, Streamlit, Python, NLTK (Natural Language Toolkit)

Steganography Tool for Secure Communication   01/2025-02/2025
- Developed a secure steganography tool using Java, Python, OpenCV, and Cryptography for encrypting 1000+ character payloads into images.
- Tech Stack Used:
  - Java & Python – The best of both worlds for security and efficiency.
  - OpenCV & NumPy – For advanced image processing and pixel-level manipulation.
  - GitHub – Version control and open-source collaboration.

PASSIONS

Coding - Passionate about coding.

Sports - Enjoys playing volleyball and cricket.