

# BISHAL DEY

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## EDUCATION

### University of Engineering and Management Kolkata

August 2022 - Present

B.Tech in Electronics and Communication Engineering

CGPA : 8.60 (till 5th semester)

### Sarada Vidya Mandir (CBSE)

April 2020 - May 2022

Higher Secondary (Class XII), Science

## SKILLS

- **Languages** : HTML , CSS , JAVA , C , Python , SQL , JavaScript
- **Soft Skills** : Teamwork , Analytical Skills , Content Design , Problem Solving
- **Tools** : Spreadsheets , Tableau , MongoDB

## INTERNSHIP

### InternPe | INTERN

December 2024 - January 2025

- A software development company providing IT solutions.
- Worked on diverse tasks including implementation of **Java-based application** algorithms, and problem-solving to deliver high-quality solutions of the given tasks.

## PROJECTS

- **MediAid** (On going project)

Developed and designed a **full stack web application** enabling patients and doctors to manage medical records, schedule appointments, and access digital prescriptions.

- **Noise Nector**

Designed a low-cost ECG acquisition system using ESP32 and AD8238, and applied CEEMD in MATLAB for effective noise removal (PLI, baseline wander), achieving high SNR and preserving diagnostic features for telemedicine and wearable applications.

- **Personal Portfolio Website**

Designed and developed a responsive personal portfolio website showcasing skills, projects, and experience. Implemented clean and organized code to ensure readability and maintainability.

## COURSEWORK & CERTIFICATIONS

- Career Essentials in Data Analysis by Microsoft and LinkedIn
- **IBM** Machine Learning
- **AWS** Cloud Practitioner Essentials
- Artificial Intelligence Fundamentals by **IBM**
- Career Essentials in Cybersecurity by Microsoft and LinkedIn
- Microsoft Azure Fundamentals
- Introduction to **Generative AI**

## TRAINING & JOB SIMULATIONS

- **Accenture UK** - Developer & Technology Job Simulation (Forage , November 2024)
- **Delloite Australia** - Data Analytics Job Simulation (Forage , May 2025)

## EXTRACURRICULAR ACTIVITIES

- Participated in **Smart India Hackathon 2024** and advanced to the second round, collaborated with a multi-disciplinary team to develop innovative solutions for real-world challenges, showcasing skills in problem-solving, coding, and teamwork.
- Participated in **EY Techathon 5.0, 2025** (Round 1: Executive Summary Submission), organized by EY via Unstop, representing the University of Engineering and Management, Kolkata.