

# Dhiraj Ray

EXTC Student | Software Developer | Data Analyst

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## EDUCATION

- **Bachelor of Engineering in Electronics & Telecommunication and (Honours in AIML)** 2020-24  
A. P. Shah Institute of Technology, Thane CGPA: 7.7
- **Higher Secondary School (Science)** 2019-20  
RJ Thakur Junior College, Thane Percentage: 64 . 7

## PERSONAL PROJECTS

- **MyNotepad | Java, Swing, File Handling**  
Developed a notepad application using Java and Swing with file handling capabilities.
  - Created an intuitive GUI for text editing (create, open, edit, save).
  - Implemented file handling for managing text files.
  - Enabled features like cut, copy, paste, undo, redo, and find & replace.
- **Join Us | SQL, Flask**  
Developed a web application using Flask and SQL to manage user registrations.
  - Designed a registration form for collecting user data.
  - Implemented SQL database to store and manage user information.
  - Created a Flask backend for handling form submissions and data processing.
- **Automated PNG Meter System | NodeMCU, Flask, SQL**  
Developed a real-time energy monitoring system using NodeMCU, Flask, and SQL.
  - Utilized NodeMCU to collect energy consumption data.
  - Built a Flask web application to visualize energy usage patterns.
  - Implemented SQL database to store and manage energy data.
  - Enabled users to monitor and analyze energy consumption.
- **Portfolio Website | HTML, CSS, JavaScript**  
Developed a responsive portfolio website showcasing my skills and projects.
  - Used HTML to structure the website's content.
  - Implemented CSS for styling and visual appeal.
  - Integrated JavaScript for interactive elements and dynamic features.
  - Optimized the website for SEO and user experience.

## EXPERIENCE

- **Data Analyst Intern** July - August 2024  
Afame Technologies Remote
  - Supported data analysis projects by cleaning, transforming, and visualizing large datasets using Python, SQL, and Tableau.
  - Developed data pipelines to automate data ingestion and processing.
  - Conducted exploratory data analysis to identify trends and patterns.
  - Collaborated with cross-functional teams to provide data-driven insights.
  - Presented findings and recommendations to stakeholders.

## TECHNICAL SKILLS AND INTERESTS

Languages: Python, Javascript, HTML+CSS, Java.  
Tools: Nodejs, VScode, Github, Power BI, Tableau.  
Cloud/Databases: MongoDB, Relational Databases(MySQL).  
Frameworks: Flask, Django, ReactJs, Spring boot,.  
Relevant Coursework: DSA, Operating Systems, OOP, DBMS, Data Analysis.  
Areas of Interest: Software Development , Data Analyst, Web Development.  
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

## CERTIFICATES

- JNCAA JNCIA Training
- AWS Academy Cloud Foundations
- Data Analytics Virtual Internships
- AWS Academy Data Analytics