

Amit Kumar Das

B.Tech. | NIT Rourkela

Final Year, Civil Engg

Contact: +91 9407585226

Email: amitht007@gmail.com

Education

2021-2025

B.TECH. IN CIVIL ENGINEERING

NIT ROURKELA

CGPA : 7.48

2018-2020

INTERMEDIATE Delhi Public School,

Paradip, Odisha

Percentage: 93.5%

2016-2018

MATRICULATION

Delhi Public School, Vindhyannagar, Madhya

Pradesh

Percentage: 87%

Links

LinkedIn: [amitht007](#)

GitHub: [amitht007](#)

Leetcode: [amitht007](#)

Skills

OS:

Windows

Languages:

C/C++, Python (Numpy, Pandas, Matplotlib, Beautiful Soup),

JavaScript, SQL (Postgresql)

Web Development:

HTML, CSS, JavaScript, NodeJS, ExpressJS, ReactJS, MongoDB

Tools:

MS Excel, Power BI,

Jupyter Notebook, Google Colab,

IntelliJ IDEA, MS Office, Git,

Obsidian, Notion

Courses

UDACITY SQL FOR DATA ANALYTICS
DATA STRUCTURES & ALGORITHMS
DATABASE MANAGEMENT SYSTEM
OBJECT ORIENTED PROGRAMMING
OPERATING SYSTEMS
COMPUTER NETWORKS

Projects

2024 June

PYTHON PROJECTS (Automation, Web Scraping)

- Used **Pytube**, **MoviePy**, **Selenium**, **Beautiful Soup**, **Youtube Data API** to *automate the entire process* of downloading audio from an Youtube Playlist, making its slowed+reverb version, rendering it to a video with GIF and uploading it to a Youtube channel.
- Used **SMTPLIB**, to send automated emails to recruiters.
- [GitHub Link To Google Colab Files](#)

2024 May

WEB DEVELOPMENT PROJECTS

Time Logging App

MERN

- Developed a full-stack time logging application that enables users to log in time spent on work and breaks through a simple interface.
- Utilized **Express.js** to build the backend with **RESTful** APIs for user authentication, granting admins full user management access while employees can only read their data and log time.
- Integrated **JWT** for secure authentication, ensuring user data privacy and integrity, and employed **MongoDB** for data storage and persistence.
- On the frontend, **React** was used to create a user-friendly interface, with **Redux** efficiently managing the global state for user data.

Made Guided web apps like, Todo List, Expense Tracker, etc.

2024 Jan

DATA ANALYSIS & VISUALIZATION

Analyzing Crime With Data

Excel, Power BI

- Did ETL on NCRB crime records from 2017-2021, cleaned the data using excel, categorizing them into different crime sections, and created an interactive Power BI dashboard with visualizations showcasing key trends and correlations
- Discovered that with the decrease in pending cases for investigation had increased disposal of cases by police in some sections of crime.

Analyzing Super Market Sales

Excel, Power BI

- Analyzed and cleaned supermarket sales data from Kaggle.com, focusing on metrics like revenue, product categories, and member type addressing and inconsistencies in dates.
- Discovered that January brings 26.80% of yearly sales, with key buyers being females maximizing 22.11% in the Food and Beverages section.

Extra Curricular Activities

2022-2024

Music Editor

Mavericks Club

Used DAW to edit, mix, produce, master multiple musical tracks for the official dance club of NITRKL, MAVERICKS.

2022-2023

Member, National Service Scheme

NSS

I have been part of the National Service Scheme that aims to help people in need.