Tanishq Pal

B.Tech
Computer Science Engineering
Netaji Subhash University of Technology, Main Campus

☎ +91-7428901365
✉ tanishqpal5851@gmail.com
✉ tanishq.pal.ug20@nsut.ac.in
 GitHub Profile
 LinkedIn Profile

Education

- **Netaji Subhash University of Technology, Dwarka** *2024*
Bachelor of Technology, Computer Science Engineering

- **Sant Gyaneshwar Model School** *2020*
Class 12th, CBSE, Delhi

- **Vikas Bharati Public School** *2018*
Class 10th, CBSE, Delhi

Personal Projects

- **E-commerce Website Deployment**
Deployed a fully functional e-commerce website using netlify
Available on https://gatsby-ecommerce-theme.netlify.app/

  - Tools & technologies used: Gatsby, React, Prettier, CSS, Netlify
  - Modern and Responsive Website complete with frontend as well as backend

- **Real-Time Image Classifier App using TensorFlow**
Built an App to classify Images using a pre-trained ML Model

  - Tools & technologies used: ML, TensorFlow, Python Notebook, **Android Studio**
  - Also made use of tensorflow and made a **mobile app for real-time classification of images**

- **IOT application in Home Automation using telegram bot and arduino**
Made a Device to Intelligently turn on device and relay information to Phone

  - Tools & technologies used:NodeMcu, Arduino, NTP servers, Telegram bot, https servers, API's
  - Checks WaterFlow before turning pump on, Connects to WI-FI to send and recieve data

- **Data Fetching, Web Scraping Projects**
Made use of bs4 to scrape websites and requests for API

  - Tools & technologies used: API's, Rest API, BeautifulSoup4, pandas, matplotlib, seaborn, requests, Flask
  - Made seperate python Scripts to Fetch data from API's, and visualize them and another to Scrape Data from another Website

Technical Skills

Languages: Python(proficient), **Kotlin**, C, C++, Arduino, HTML, CSS, JS

Developer Tools: VScode, JetBrains IDE, Atom, Git, Node.js **Android Studio**

Frameworks:Node.js, Flask

Cloud/Databases: AWS

Soft Skills:Active Listening, Problem Solving, Adaptability

Coursework: Machine Learning, Internet of Things, Software Engineering

Achievements

Academic: Consistent achiever over 5 years

Olympiads: Delhi Rank 2 in (2016), **All India Rank 1** in Science Olympiad (2015)

Areas of Interest

- **Academic** Python language

- **Extra-Curricular** Reading, Swimming