Amit Kumar

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EXPERIENCE

Freelancer.com   Jan. 2021 – April 2021
Freelancer (Profile)   Mumbai, In

- Developed **programs in Java, Python, C, etc** for various clients and requirements using **Agile methodology**
- Developed an algorithm for a water distribution IoT based start up and coded it
- Implemented back-end APIs for fliptrx.com and loggers for other services with Django
- Implemented a Java program on BTC data to approximate into inverted parabola
- Accumulated over **INR 50k** over 3-4 months of part-time. For detailed summary and credentials : Docs link

Aarkay Techno Consultants   June 2021 – Sept. 2021
Software Developer Intern   Nagpur, IN

- **Android application development** to reverse engineer and build an existing app from outdated system to android
- Successfully built deployment ready, warehouse inventory management utility app. **Coding in: Java and XML**
- **Made improvements** to the existing functionality with a **better UI**

PROJECTS

Django Web Services

- Made a website to tweet with dedicated profiles with access to **CRUD** capabilities and a secure backend
- Users can subscribe to **Rain updates** in the city (openweather api) and **Space exploration** (NASA api)

Data Warehouse Project on Waste Data

- Made a **Data Warehousing project** on country level waste data in MS SQL with explanatory videos
- Cleaned and transformed the data using orthodox and unorthodox methods and documented the project
- Performed analysis and made **BI dashboards with Tableau**. Links: Files and videos

Disease prediction using Machine Learning

- A website backend for users to input their symptoms and returns the closest prediction
- Algorithms used: Decision Tree, Random Forests and Naive Bayes

SKILLS

Programming Languages : Java, Python, C, C++, Prolog, Javascript, SQL (MS SQL, MySQL)
Tools : Django, GitHub, Tableau, MS SQL, Android Studio

Certifications

Problem Solving, Data Science, Python, Java, SQL

Achievements

- Ranked **2003rd** in Google KickStart 2020, and **2022nd** in KickStart 2021
- Cleared the **Infosys-Certified Engineer** certifications
- Got **94 Percentile** on Dare2Compete Recruitables. 1.38 lakh total participants

EDUCATION

Shri Ramdeobaba College of Engineering and Management   Aug. 2018 – June 2022
Bachelor of Engineering in Computer Science   Nagpur, In
Kendriya Vidyalaya Ambernath   April 2016 – May 2017
12th HSC   Mumbai, In
Kendriya Vidyalaya Ambernath   April 2014 – May 2015
10th SSC   Mumbai, In