

Ankur Chattopadhyay

Software Developer

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About Me

Ankur is a developer with a knack for using software to create scalable applications that can help integrate people and technology to make their lives easier. Having been commended for being able to read and debug code in multiple programming languages, his personal favourite has always been Python.

Work Experience

Django Developer, Designride

Oct 2020 – Apr 2021
India

Project: Onyomark

- Created scalable object-oriented code for an Event Booking System with Razorpay Payments API Integration
- Constructed a Team Creation flow using emails with celery task queues to send invitations
- Set up a mini Shop for sponsored items and their management flow using a customized CMS
- Introduced Git and Kanban style boards for collaboration which increased development efficiency in the team

Django Web Developer, Caim Consulting

Jul 2020 – Mar 2021
India

Caim Consulting Website, Letter of Recommendation

- Developed a website as a freelancer, using Django as a backend
- Hosted on Heroku using PostgreSQL to store user data and the site's publications

Python Developer Intern, Tata Motors Global Delivery Centre

Jul 2019 – Aug 2019
Pune, Maharashtra, India

Internship Certificate

Intern in the Digital Transformation and Change Management team

- Worked on the Development of Question & Answer based HR Chatbot
- Deployed the chatbot on Telegram using the Telegram Bot API
- Used AWS SDK for Python (Boto3) to store and analyze user data in Amazon DynamoDB

Education

B.Tech in Computer Science and Engineering,

2017 – 2021
India

Government College of Engineering and Textile Technology Berhampore

(Maulana Abul Kalam Azad University of Technology)

Cumulative GPA: 8.53/10

Projects

Shopping Cart

An e-commerce MVP with Razorpay API integration developed for a hands-on approach in Django

MapBot

[As part of Top Contributor in GSSoC'20]

Text-Enabled Google Maps Assistant using Directions API, Maps Elevation API, Maps Static API, Places API and Geocoding API

Python Project : pillow, tesseract, opencv

Used OCR on images of newspaper pages to search for a particular word; and recognize any faces using Haar Cascade classifier

Shuffled Shift Cipher Encryption Technique

A shuffling algorithm is used to eliminate the possibility of decoding using brute force, overcoming the drawback to the Caesar Cipher Encryption

Awards

Winner of the annual intra-college coding competition for 2018, 2019 and 2020, GCETTB

Represented the college in ACM-ICPC 2019 Regionals at Amritapuri

Volunteer Experiences

CodeChef, Campus Representative

Dec 2019 – present

GirlScript Jamshedpur, Core Team Member

Jun 2020 – Nov 2020

Interests & Skills

- Languages: Python, SQL, Bash, HTML, CSS, JavaScript, C, C++, Java
- Tools: Anaconda, Celery, Django, Flask, Git, Jupyter Notebooks, Kanban Boards, Linux, matplotlib, NumPy, NLTK, OpenCV, Pandas, Pillow, spaCy, Tesseract
- Databases: DynamoDB, MySQL, MongoDB, PostgreSQL, SQLite
- Deployment: AWS, CircleCI, Docker, Heroku, TravisCI

Training & Certifications

Grand Contributor (Top 5) in GirlScript Summer of Code 2020
GirlScript

Scientific Computing and Python for Data Science
World Quant University

Python 3 Programming Specialization (5 courses)
Coursera

Python for Data Science
IITM NPTEL

MITx 6.00.1x: Introduction to Computer Science and Programming Using Python
edX

Problem Solving through Programming in C
IITKGP NPTEL

Programming, Data Structures and Algorithms using C
IITM NPTEL

Programming in C++
IITKGP NPTEL