

# Ankur Chattopadhyay

## Software Developer


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📍 Jamshedpur, Jharkhand, 831003, India

### 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


**System Engineer**, Tata Consultancy Services  Jul 2021 – present  
webMethods Integration Developer for Vodafone UK

**Django Developer**, Designride  Oct 2020 – Apr 2021  
Project: Onyomark  India

- 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  
Caim Consulting Website , Letter of Recommendation  India

- 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  
Internship Certificate  Pune, Maharashtra, India


- 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  
Government College of Engineering and Textile Technology Berhampore  India  
(Maulana Abul Kalam Azad University of Technology)  
Cumulative GPA: 8.75/10

### 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, webMethods, 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, SAG Designer, spaCy, Tesseract
- Databases: DynamoDB, MySQL, MongoDB, PostgreSQL, SQLite
- Deployment: AWS, CircleCI, Docker, Heroku, TravisCI, Jenkins


### Training & Certifications

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

**Scientific Computing and Python for Data Science**   
World Quant University

**Atlassian - Version Control with Git**   
Coursera

**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 in C++**   
IITKGP NPTEL