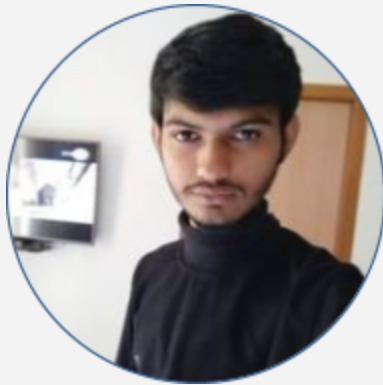


# Jay (JK) Kotadiya



Software and DevOps Engineer

Inveterate lifetime learner, and  
technology explorer



## Summary

- Experienced professional in software development and DevOps engineering, boasting over 5 years of proficiency in Python, JavaScript, and cloud technologies.
- Skilled in producing maintainable, efficient, reliable, and secure code and cloud setups.
- Effective English communicator with strong time management abilities.
- Proficient in WEB and API development.
- Automates manual processes using Shell scripts or Python scripts.
- Configures CI/CD pipelines using GitHub Actions, Jenkins, and AWS Pipeline.
- Designs cloud architecture using Terraform and AWS CloudFormation.
- Executes project migration seamlessly without downtime.
- Develop projects based on Microservice architecture or serverless architecture.
- Manages projects using tools such as Jira, ClickUp, and Trello.
- Proficient in designing fast, scalable, standard, and secure program architectures.
- Experienced in handling complex computations with Python.
- Demonstrates expertise in API design, architecture, and creating presentable documentation.
- Well-versed in all stages of dynamic web project development.
- Possesses a strong background in project management and maintaining customer relations.

## Address:

F-6, Umavanshi building,  
Kamatwada, Cidco, Nashik  
Maharashtra India, 422009

## Phone:

+91 8806622921

## Email:

[j.kotadiya.96@gmail.com](mailto:j.kotadiya.96@gmail.com)

## Language:

English | Hindi | Gujarati

## Education:

B.E. in Computer Branch  
(University of Mumbai)

## Social:

[GitHub](#) | [LikedIn](#) | [Portfolio](#)

## Technical Skill Highlights

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>- Python Technology<ul style="list-style-type: none"><li>- Django</li><li>- Flask</li><li>- Selenium</li><li>- PyQt</li><li>- FastAPI</li><li>- Boto3</li></ul></li><li>- Database Technology<ul style="list-style-type: none"><li>- MySql</li><li>- Mongo</li><li>- PostgreSQL</li><li>- Sqlite</li></ul></li><li>- JavaScript Technology<ul style="list-style-type: none"><li>- Node</li></ul></li><li>- IOT<ul style="list-style-type: none"><li>- Raspberry Pi</li></ul></li><li>- Search Technology<ul style="list-style-type: none"><li>- Elastic search</li><li>- Kibana</li><li>- Logstash</li></ul></li><li>- Scripting<ul style="list-style-type: none"><li>- Bash Script</li></ul></li><li>- Version Control<ul style="list-style-type: none"><li>- GitHub</li><li>- GitLab</li><li>- Bitbucket</li></ul></li><li>- Visual Studio Code</li><li>- MS Office</li><li>- Draw.io</li></ul> | <ul style="list-style-type: none"><li>- Cloud Technology<ul style="list-style-type: none"><li>- AWS<ul style="list-style-type: none"><li>- EC2</li><li>- S3</li><li>- Lambda</li><li>- VPC</li><li>- Route53</li><li>- RDS</li><li>- IAM</li><li>- ECS</li><li>- ECR</li><li>- ElastiCache</li><li>- SES</li><li>- ALB</li><li>- Amplify</li><li>- Elastic Beanstalk</li><li>- SQS</li><li>- DynamoDb</li><li>- Amplify</li></ul></li><li>- GCP</li><li>- Microsoft Azure</li><li>- Digital Ocean</li><li>- Oracle Cloud</li></ul></li><li>- DevOps<ul style="list-style-type: none"><li>- GitHub Action</li><li>- Jenkins</li><li>- Doecker</li><li>- Kubernetes</li><li>- Apache</li><li>- Nginx</li><li>- Linux (Ubuntu/ Debian)</li></ul></li><li>- HTML</li><li>- CSS</li></ul> |
|---|--|

**Computer OS:**

- Ubuntu (Linux)
- Mac
- Windows

**D.O.B:**

- 16/Nov/1996

**Strengths:**

- Energetic
- Self-motivated
- Problem solving
- Teamwork

**Hobbies:**

- Trekking
- Hiking
- Music
- Visiting ancient place

**Experience (6 years, 2 months)**

**ARC Document Solutions / Python Consultant**

March 2024 - Present, (WFH)

- I have been actively engaged in the ongoing migration of a legacy product, originally developed in the 1990s, to a modern technology stack. This project involves transitioning from outdated systems to cutting-edge solutions, utilizing Python, JavaScript, AWS, and serverless architectures. My focus is on refactoring the existing codebase, designing scalable cloud infrastructure, and implementing modern development practices to ensure the product's continued relevance and efficiency.

**Softuvo / Software Engineer**

August 2021 - Feb, 2024, (WFH)

- Led the development of innovative Python Django-based solutions for diverse industries including real estate, recruitment, and medical sectors (3 projects)
- develop a product based on AWS Lambda serverless technology in domain email verification and email finding for very well-known people on social media. (1 project)
- design and implement a scalable cloud architecture using a selection of essential AWS services to support a highly available and efficient web application. (5 Project)

**Vistaar Digital / Software Engineer**

January 2020 - August 2021, Mumbai

- Engaged in social media marketing, Internet of Things (IoT) innovative apps development, website development, mobile application development, and digital marketing projects. (2 project)
- Collaborated with key clients from diverse industries such as E-commerce, pharmaceuticals, consumer goods, and social media companies.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines and managed servers for multiple projects.(2 project)

**Vistaar Digital / Associate Software Engineer**

August 2018 - January 2020, Mumbai

- Participated in a Django project aimed at upgrading and enhancing an ERP system. (1 project)
- Contributed to a Django Rest Framework project focused on upgrading and enhancing an ERP system. (1 project)
- Engaged in a MEAN stack project tailored to meet client requirements. (1 project short term)
- Implemented a web scraping project using Python libraries such as pandas and BeautifulSoup4. (1 project)
- Developed UI testing scripts using Python and Selenium. (1 project)

## Vistaar Digital / Intern

June 2018 - August 2018, Mumbai

- Engaged in E-detailing projects using HTML, CSS, and JavaScript, extending from Illustrator to IOS and Android platforms.
- Completed assignments in Flutter to implement create, read, update, and delete (CRUD) operations.
- Developed various IoT projects using Raspberry Pi, including converting tweets to messages, implementing on-off switches via mobile apps, and more.
- Participated in Alexa skill development assignments utilizing Python SDK.

*I'm working on a smart way  
to fill this column*



## Certification

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- ( Docker & Kubernetes: The Practical Guide [2022 Edition])  
<https://www.udemy.com/certificate/UC-71a1doac-e3b7-4665-91f1-ee0ef4efceba/>
- ( AWS Certified DevOps )  
<https://www.udemy.com/certificate/UC-34f270ec-db58-4e39-9057-fcbac2162c41/>
- ( Linux BASH Shell Terminal Command Basics )  
<https://www.udemy.com/certificate/UC-e1f52cbf-e942-43d8-9f83-8e6cdf75bf6c/>
- ( Business English: Management and Leadership)  
<https://www.coursera.org/account/accomplishments/verify/TA4CKBANR7S2>
- ( Automate the Boring Stuff with Python Programming)  
<https://www.udemy.com/certificate/UC-GHDL3JDS/>

## PERSONAL PROJECT'S

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- **helm:-** (<https://github.com/jk-0/helm>):
  - Mumbai University base exam management system implemented on Django framework
- **Clockify\_bulk\_insert:-** ([https://github.com/jk-0/clockify\\_bulk\\_insert](https://github.com/jk-0/clockify_bulk_insert)):
  - This script helps you to automate insert of bulk entries in Clockify, implemented with python library (selenium)
- **Realestate\_App:-** ([https://github.com/jk-0/Realestate\\_App](https://github.com/jk-0/Realestate_App)):
  - Demo web app for real estate based company, implemented on Django framework
- **Graphene\_Django:-**  
([https://github.com/jk-0/explore\\_graphene\\_django](https://github.com/jk-0/explore_graphene_django)):
  - exploring GraphQL framework for python Django based API
- **E-BUILD:-**
  - Sponsored by Krishna developer (A Construction Co.):  
Designed a comprehensive website through HTML, CSS (Boots Strap), PHP, JS languages