

# FENIL A. GANDHI

PYTHONISTA | AUTODIDACT

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## SOCIAL PROFILES

Email : fanilgandhi@gmail.com  
Github & Gitlab : fenilgandhi  
devRant : coldfire  
Twitter : @fenil\_gandhi  
Programming/Scripting : [Conversant](#) Python3.6, Python2.7+, Shell, Javascript  
[Comfortable](#) C, UnityScript, HTML, CSS, BF(esoteric)

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## INTERESTED IN

DevOps | Product Engineering | OpenSource | SRE

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## EXPERIENCE

- **Freelance Backend Developer @ Quiv Analytics** (Apr 2019 - Present)
  - Implementing backend of user process flows using Flask, MySQL.
  - Working on creating reusable integration of third party services like payment gateway and communications via whatsapp, sms and mail.
  - Setup docker, celery, redis and migrating long tasks to it.
- **Freelance Developer @ MagentaConnect Pvt. Ltd.** (Mar 2019 - Present)
  - Developed custom restful apis for Superset based Frontend and implemented CI/CD for it.
  - Writing complex MySQL Queries as a part of aggregating data for analytics charts.
  - Developed a tool for extracting data from TALLY and syncing it with a remote database on a daily basis.
  - Managing AWS Services for them.
- **Backend Developer @ Gridle.one** (May 2018 - Jan 2019)
  - Designed and Implemented the backend services of an fintech product for online transactions between the world's leading banks and managed AWS services for the same.
  - Implemented online transactions management flows between multiple types of users using State machine mechanism using Django and Python.
  - Setup and managed AWS environments for them.
- **Software Developer, Cactus Creatives** (Jan 2017 - Mar 2017)
  - Developed a working POC device as an interface of Amazon Alexa in Cars.
  - Developed a POC of Radio-over-Internet device for Radio Mirchi.
- **Freelance Unity 3D Developer, Exporium** (Aug 2016 - Dec 2016)
  - Developed a Virtual Reality Camera Application in which user can capture 360° panorama with surrounding audio. User can also view the captured images in Google Cardboard for immersive experience.
  - Implemented a lightweight Image Stitching Algorithm in C# for it.
- **Software Development Intern , Quixom Technologies** (Feb 2016 - May 2016)
  - Worked a software development intern on Django Framework, Kodi Addon Development
  - Developed a POC of Radio-over-Internet device for Radio Mirchi.

## OTHER KEY PROJECTS

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- **Quadcopter, B.E. Final Year Project** (11 months)
  - Assembled a FPS Quadcopter after comparative study of different hardware components.
  - Developed and Optimised a controlling software for the same.
- **Yowsup Client** (3 months)
  - Integrated a terminal based WhatsApp Console Client with a Django WebUI.
  - Added automation features to the console based client for mass communication.

## EDUCATIONAL QUALIFICATION

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DEGREE	UNIVERSITY	INSTITUTION	YEAR	CGPA / %
Post-Graduation	GTU	L.D. College of Engineering	2017 - 2019	8.37
Graduation	GTU	GEC, Gandhinagar	2013 - 2017	7.86
HSC	GSEB	H. B. Kapadiya	2011 - 2013	84.5%

## POSITION OF RESPONSIBILITY

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### Network Maintenance | 2018

Successfully Deployed OpnSense Firewall and Proxy for College Network and Maintaining It.

### Introduction to Programming | 2018

Taught 2 labs of 60 students each covering the essentials of Programming Skills with practical implementation using the C language for 6 months.

### Introduction to Python | 2016

Organized and Taught a 4 month introductory course on Python.

### Catch Him If You Can | 2015

Lead Technical Support during the 2 day State level Workshop on "Ethical Hacking".

## ACHIEVEMENTS

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- Awarded Best Project in College during the Open House 2017.
- Global Rank 1 in Python on Hackerrank.com
- Completed *Advanced Computer Network Training* by BSNL