## CURRICULUM VITAE

Sr. Python Developer – Backend

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| **Ketan Singh**Bangalore, India | Email: **Ketan\_Singh@yahoo.com**Contact No: **+91-8123-70-24-50** |

**Technical Skills**

| * Python
* Flask micro-framework
* Restful APIs
* Django basics
* AWS EC2, S3, RDS, Lambda etc.
* PostgreSQL Database, ORM
* Git & GitHub
 | * Microservice Architecture
* Pytest/Unit Testing/TTD
* Linux/Mac OS
* Docker, Kubernetes basics
* Apache Kafka
* Redis, RabbitMQ messaging
* HTML, JSON, JavaScript basics
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**Professional Experience Total: 6.10+ years**

*Employer:* **CapitalOne Financial (R&D), Bangalore** Oct’16 - Present

*Product:* ReTiNa (Real Time Navigator)

*Role:* Sr. Software Developer 3 (Python) – Data Engineering Team

*Stack:* **Python, PostgreSQL, Rest API, Flask, Celery, Apache Kafka, AWS S3/RDS/Lambda, Bash Shell**

* Retina is an internal product that generates recommendations on various levers of the “COAF Funding” shop, by which the operations managers can manage their processes in a better way. It compares various metrics of the funding shop with historical data and provides real time insights on what an operation manager can do to meet their daily goals targets.
* Responsible for designing and developing full data pipeline for the application, making use of Apache Kafka consumers. Requirement Analysis, Code Development, Customer Communication & Code Review.
* Developed data aggregation engine to aggregate live data feed with historic data, based on the application requirements.
* Identified dependencies and provided workarounds for smooth running of data flow.
* Worked with the data processing team to assist them in formatting, transforming and loading the data, based on the design specifications and tasks.

*Employer:* **Logfire Technology Solution (*an Oracle company*), Bangalore** Feb’15 - Sept’16

*Product:* Work Force Management Suite - Full Time

*Role:* Associate Software Engineer – Backend (Python)

*Stack:* **Python, Flask, Django basics, PostgreSQL, AWS, Celery, Backend Development**

* LogFire is a robust Software as a Service (SaaS), Cloud-based, Warehouse Management Systems (WMS) and WorkForce Management System (WFM) that helps organizations manage inventory & fulfillment.
* Have experience in designing, development, enhancement and bugfix of codebase of Workforce Management (WFM) SAAS Product using Python/Flask framework for clients of Logfire worldwide.
* Responsible for all the development activities for in-house products and services offered to Logfire clients.
* Required to support the Logfire R&D activities in terms of development, testing and support.
* Knowledge of python web development framework like Flask.
* Object oriented programming, data structures and algorithms concepts.
* Hands-on with Relational Databases like PostgreSQL.
* Working knowledge on Linux development environment.
* Knowledge of software version control - Subversion repository SVN, Git.

*Client:* Microsoft India Private Limited, Bangalore Nov’13 - Jan`15

*Product:* Microsoft Premier Enterprise Solutions

*Employer:* KnowledgeWorks IT Consulting Pvt Ltd, Bangalore

*Stack:* Production Monitoring, Python Automation Deployment, troubleshoot & issue fixing

* Experience in troubleshooting and bugfix of Exchange Server live production scenarios for Microsoft Premier Enterprise customers by resolving complex technical problems and helping to pro-actively prevent new issues.
* Determine root cause of a problem and narrow to a specific component while managing the client’s expectations for resolution. Collaborate across teams and technical product issues leveraging global resources as needed to resolve issues.
* Helping clients recover from highly critical scenarios such as complete service down situation and production outages.
* Enjoy learning about new technologies, products and tools which help find a solution for a specific customer problem.

**Educational Qualification**

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| **QUALIFICATION** | **INSTITUTION** | **UNIVERSITY/BOARD** | **YEAR OF PASSING** |
| B.E. (Computer Science) | Shirdi Sai Engineering College, Bangalore | Visvesvaraya Technological University, Belgaum | 2013 |
| Class 12th | Dr. V.S.E.C., Uttar Pradesh | I.S.C., New Delhi | 2008 |
| Class 10th | Dr. V.S.E.C., Uttar Pradesh | I.C.S.E., New Delhi | 2006 |

**Honours**

* ***Q2 Spot Award*** for designing and implementing live data pipeline for ReTiNa project.
* **Q3 Team Recognition Award** for successful delivery for ReTiNa application in record time.
* Best Campus Ambassador Award - *Twenty19.com*, *July ‘10* to *Nov’10*, for outstanding work and contribution to the organization.
* Participated in *Dreamsparks Yatra ‘11* and *’12* organized by - *Microsoft*, Bangalore

**Volunteer**

* Member for **Corporate Social Responsibility** and **BeGreen** committee at CapitalOne India, Bangalore.
* **Campus Ambassador Program** (July 2010 to March 2012) for **Twenty19.com**, Chennai, Tamil Nadu.
* **Starpreneur – young entrepreneur’s initiative program** (May 2011 to April 2012)for **Nurture Talent Academy**, Mumbai.

**Strengths**

* Good analytical ability, innovative. Collaborative with leadership qualities.
* Ability to retain productivity and performance in adverse circumstances.
* Ability to achieve stretch goals in a highly innovative and fast paced environment.
* Excellent verbal and written communication.

**Place:** Bangalore **(Ketan Singh)**