



# Sanchit Balchandani

Software Architect

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## Credentials

-  <https://github.com/inovizz>
-  <https://linkedin.com/in/inovizz>
-  </users/7790/sanchit>
-  <https://inovizz.com>

## Education

### B.Tech In Computer Science

Uttar Pradesh Technical University  
2006-2010

## Achievements

- Grew EPAM India's Python Practice to **120+** members from **25** within **two** years.
- Reduced software/hardware decommissioning time at **JP Morgan** by **90%** using Python, Django, and **Microservices**.
- Helped British Gas **process 1 million** customer meter files in **under 25 minutes** using AWS, Python, and Glue.
- Decoupled Uber (Cornershop) product and database, improving performance by **reducing** query **load** on the master database by **60%** using Python, Django, and AWS.

## Talks

- [Introduction to Data Visualization in Python at Symbiosis University Pune](#)
- [Static Typing in Python at PyCon India 2020](#)
- [Simplified Deployment on the Cloud using Docker Desktop at OSCONF Hyd 2020](#)
- [3 hours Workshop – Demystifying Docker for Devs at PyCon India 2019](#)

## Blogs

- [Learnings of Migrating projects from Python2 to Python3](#)
- [Harnessing AWS Glue for High-Volume JSON Processing.](#) 

## Profile Summary

- Leadership:**
  - Currently serving as an Engineering Manager at EPAM Systems,
  - Leading a team of software developers to deliver high-quality solutions.
- Technical Expertise:**
  - Over 13 years exp in software development, with 10+ years in **Python**
  - Well-versed in **OOP**, Backend, **Microservices**, **REST** & API development.
- Certifications:**
  - Certified **AWS Certified Solution Architect Associate**
- Technical Skills:**
  - Been working on **Python** for 10+ years and exp with TypeScript as well
  - Experienced with web frameworks such as **Django**, **Flask**, and **DRF**.
  - Solid understanding of **Data Structures**, **Algorithms**, and DB concepts.
- Cloud & DevOps:**
  - Highly skilled in managing and architecting **AWS**-based cloud solutions.
  - Proficient in **Docker**, Kubernetes, and other clouds GCP & Azure
  - Expertise in CI/CD pipelines with **Jenkins**, GitLab CI, and **ADO**.
  - Good experience around IAC, primarily using **Terraform**.
- Community Leadership:**
  - Co-organizer of open-source communities like **HydPy** and **PyCon India**.
  - Served as the chair of **PyConf Hyderabad** & **PyCon India**

## Skills

- Programming Languages:** Python 2.7, Python 3.x, GoLang, TypeScript
- Framework:** Django, Django Rest, Flask, Scrap, Express
- Data Science Libs** - PySpark, Pandas, NumPy & Matplotlib
- Database:** MySQL, PostgreSQL, MongoDB, Redis, Oracle, Firestore
- Web Technology:** NodeJs, JavaScript, Bootstrap, HTML, CSS
- Version Control:** Git, Bitbucket, Gitlab, Bazar
- Bug Tracking Tools:** JIRA, Taiga, Buganizer, Trello
- Monitoring Tools:** Datadog, Monitis, AppDynamics
- Cloud & DevOps:** AWS, GCP, Docker, Jenkins, Kubernetes, Terraform
- AWS Services:** EC2, S3, ECS, Lambda, RDS, Glue, IAM, SQS, API Gateway
- Operating System:** Windows, LINUX/Ubuntu, OS-X

## Career Snapshot

- EPAM Systems** – Engineering Manager (Nov 2019 – Till Date)
- JP Morgan & Chase** – Associate (Jan 2019 – Nov 2019)
- Pramati Technologies** – Principal Engineer (Aug 2015 – Jan 2019)
- Google India Pvt. Ltd.**(vendor payroll)- Asso. Lead (Sep 2010 – Aug 2015)