



POOJA NIRANJAN SHETTY

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CAREER OBJECTIVE

DevOps / Platform Engineer with 3+ years of experience working on telecom-scale systems at KPN in Amsterdam and Amersfoort. Experienced in automation, monitoring, and infrastructure supporting high-traffic media platforms. Skilled in Python, CI/CD, and cloud technologies with strong interest in telecom network operations, traffic monitoring, and automation. Eager to contribute to KPN's roaming platform reliability and future network technologies.

PERSONAL DETAILS

Age: 28
Nationality: Indian
Status: Married
Location: Bangalore
Hobbies: Travelling, Learning, Music

TECHNICAL SKILLS

Programming & Automation

Python Bash Django FastAPI

Networking Fundamentals

TCP/IP DNS HTTP/HTTPS TLS Network Monitoring

Cloud & Infrastructure

AWS Docker Kubernetes Linux

DevOps & Automation

CI/CD Jira Jenkins GitHub Actions Git Ansible

Monitoring & Observability

Grafana Splunk Elasticsearch

Data & Analytics

SQL Pandas NumPy Power BI

SOFT SKILLS

Team Player Communicative Flexible Ambitious Future fit coding

Quick Learner

EDUCATION

KLE Nijallingappa College (Bangalore University)

Master in Computer Applications (2017-2019)
CGPA: 7.23

Vasavi College (Bangalore University)

Bachelor in Computer Application (2014-2017)
CGPA: 7.15

CERTIFICATIONS

ABC Technologies (May 2021 - Jan 2022)

Java and Python Full Stack Development
Basics: OOPS concepts, data types, control structures.
Advanced Java: JDBC, Servlets, JSP.
Frameworks: Spring.

Python Full Stack Development

Basics: OOPS concepts, exception handling, modules.
Advanced: Multiprocessing, Multithreading, Generators.
Frameworks: Django, Flask.

Udemy Courses

- Microsoft Azure: From Zero to Hero - The Complete Guide (JUN 2025)
- Spark Structured Streaming using Python (PySpark) on Azure Databricks (MAY 2025)
- HTMX - The Practical Guide (MAR 2025)
- Build a Backend REST API with Python & Django - Advanced (FEB 2025)

Google Courses

- Crash course on Python (JUN 2022)

MATERNITY BREAK

Bangalore | Oct 2024 - Present

Took maternity break also had to relocate to Bangalore. Continued personal development and updated my Technical skills.

- Maintained technical projects on GitHub focusing on Python backend and automation.
- Improved knowledge in cloud technologies and automation tools including AWS, Docker and CI/CD.
- Completed courses in Azure, PySpark, and backend API development.
- Stayed updated with infrastructure engineering and DevOps practices.

Platform / DevOps Engineer – KPN TV Platform

KPN, Amsterdam | Aug 2023 - Oct 2024

Backend maintenance team for KPN TV platform, working in a cross-functional team of 4 developers focused on innovation and performance

- Engineered MaxMind geolocation validation service processing 1M+ daily streaming requests, ensuring regulatory compliance and accurate traffic routing.
- Developed "Jafar" traffic integrity system monitoring concurrent streaming sessions, reducing playback conflicts by 25%.
- Automated VM storage cleanup with "Nasbclean", cutting manual maintenance by 40+ hours/month and improving storage efficiency by 15%.
- Spearheaded migration from GitLab/Jenkins to GitHub Actions, reducing deployment cycles from 2 days to 8 hours and improving CI/CD reliability
- Handled production alerts and incident escalations through Opsgenie, collaborating with platform and infrastructure teams to resolve service issues.
- Collaborated on Reflector, TLSDB certificate renewal, and live-channel-generator, contributing to smoother live TV experiences for 500k+ users.

Tech Stack:

Python (Django, FastAPI), Jenkins, Groovy, CI/CD, Docker, Ansible, Linux, Kubernetes, Redis, AWS, Elasticsearch, Splunk, Grafana

SOFTWARE ENGINEER (D-Nitro)

KPN, Amsterdam | Apr 2022 - Aug 2023

Developed CI/CD enhancement applications for company developers, gaining exposure to various tools while delivering high-quality, future-proof solutions.

- Engineered the "Console" front-end (Vue.js) with a Django backend, streamlining developer workflows and improving interface performance.
- Developed "Katka-development" orchestration tool using Typer CLI for multi-repository management, reducing manual setup time by 50%.
- Managed and optimized 100+ Jenkins instances across 12 EC2 servers, improving CI/CD pipeline reliability and uptime.
- Maintained enterprise tools including Slack, Katka, LDAP, Jenkins, BitBucket, and SonarQube, ensuring seamless daily operations for developers.
- Built asynchronous Python applications with automated CI/CD triggers, accelerating deployment frequency and reducing human error.
- Implemented automated SNOW ticket creation and release versioning, cutting release preparation time and improving audit traceability.

Tech Stack:

Python (Django, AIOHTTP, Pytest), JavaScript (Vue.js, Jest), Jenkins, Docker, BitBucket, Redis, Kubernetes, AWS, Elasticsearch

ASP.NET DEVELOPER

Enrich Techno-soft | Nov 2020 - Apr 2021

Full-stack development for travel portal with comprehensive booking services and multilingual support.

- Engineered responsive front-end for hotel, car rental, and flight booking modules, enhancing user experience across desktop and mobile devices.
- Developed robust RESTful APIs for booking transactions and payment processing, ensuring 99.9% uptime and secure data handling.
- Implemented multilingual support (English/Arabic), expanding portal accessibility to a wider international audience.
- Integrated PCI-compliant payment gateways, reducing transaction failures and boosting customer trust.
- Designed and optimized SQL Server databases for bookings and user management, improving query performance by 30%.

Tech Stack:

ASP.NET, C#, MVC Architecture, JavaScript, HTML/CSS, SQL Server, REST API

PROGRAMMING TRAINER

Capital Computers | Jul 2018 - Oct 2020

Comprehensive programming instruction for college students with curriculum design and practical implementation.

- Designed and delivered comprehensive programming curriculum across Python, JavaScript, HTML/CSS, SQL etc., enhancing student proficiency and practical skills.
- Conducted hands-on coding exercises and real-world projects, improving student problem-solving abilities and project readiness.
- Implemented assessments, certifications, and career guidance programs, boosting student placement success and professional development.
- Mentored 100+ college students, fostering technical knowledge, critical thinking, and industry-ready skill sets.