

IT professional with backend development experience, specialising in server-side logic, database management, and API integration. Adept at writing clean, maintainable code and collaborating with cross-functional teams to deliver scalable software solutions.

## SKILLS SUMMARY

- **Languages:** Python, SQL, bash.
- **Databases:** MySQL, MongoDB, Redis, Elasticsearch.
- **Deployment:** Kubernetes, helm, ansible-playbooks, jenkins, ArgoCD.
- **Libraries:** numpy, pandas, matplotlib, openCV, reportlab, flask, re.
- **Commands:** git, ascp, rsync, scp, tcpdump.
- **Tools:** grafana, elk, graylog, rabbitMQ, dbeaver, workbench.

## TECHNICAL STRENGTHS

- Database designing and Administration.
- Advanced Querying and performance Tuning.
- Python microservices and machine learning libraries.
- Working on image processing.
- Working with devops technologies.
- Cluster monitoring and debugging.

## WORK EXPERIENCE

### *Software Developer at Technicolor, Bangalore (May, 2022 - Present)*

Technicolor is well known for providing visual effects, motion graphics and animation service. Our challenge was maintaining uniformity in files and assets being released by artists among cross sites. We were maintaining assets by syncing them cross sites and keeping track for synced data and creating reports meaningful reports out of data.

- Handling sync solutions, syncing files using Aspera and rsync.
- Writing efficient Python microservices for data manipulation.
- Used pub-sub model using RabbitMQ and Python worker.
- Used Kubernetes for seamless deployments, helm charts for describing cluster resources easily.
- Used ArgoCD to sync deployments across desired sites and ansible-playbook to manage system configuration.
- Working on database Advanced Querying and performance Tuning.
- User grafana for monitoring cluster resources and graylogs for checking logs easily and Power BI for data visualisation.
- SonarQube for unit testing, code coverage, and code analysis.

### *Software Developer at mPokket, Bangalore (Nov, 2019 – May, 2022)*

mPokket is an Instant Loan App with backend in python microservices. Using both SQL(MySQL) and NoSQL(MongoDB, Elasticsearch) databases with pub-sub model for processing live data.

- Designing NoSQL database storage structures (MongoDB, Elasticsearch, Couchbase,).
- Efficient Python microservices for data manipulation.
- Worked on image processing, such as the masking process, face detection.
- Used RabbitMQ for queuing and writing a subscriber for data manipulation.
- Database performance tuning (MySQL, Elasticsearch).
- Worked with Kubernetes and Jenkins for seamless deployment and efficient applications.
- Using python libraries like numpy, pandas, matplotlib for data analysis and visualisation.

### *Software Developer at Arthogyan, Hyderabad (April, 2019 – Oct, 2019)*

This project is about prediction of getting financial goals using user's current financial situation and their experiences using python pandas, numpy and other machine learning libraries.

- SQL querying.
- Developing application architecture.
- Handling AWS services (EC2, Lambda functions, SQS, DynamoDB etc.).
- Developing backend in Python machine learning libraries (NumPy, pandas, Matplotlib, Scikit-learn, etc.).

### *Python Developer, Database Administrator at Shivah Foundation, Kolhapur (July, 2017 – April, 2019)*

Here we were working on Web Application developed and Deployed for the NSS Department of the "Shivaji University" to reduce their most of the manual work and make it paperless which will be used by 250 colleges under Shivaji University.

- Develop application flow.
- Designing Database, administration and Structuring SQL queries.
- MySQL performance tuning.
- Development of backend in python, flask and report generation in python report-lab.