

# SUBHANI MOHAMMAD

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## PROFESSIONAL SUMMARY

Results-oriented Senior Python Developer with 6+ years of experience architecting and deploying scalable backend systems and Microservices. Expert in Python, FastAPI, and Kubernetes. Proven track record of leading development teams, reducing system latency by 40%, and implementing containerized deployment workflows. Passionate about clean code standards and mentoring.

## TECHNICAL SKILLS

- Languages: Python, SQL, Shell Scripting.
- Frameworks & Tech: FastAPI, Flask, Pytest, Microservices.
- Databases: PostgreSQL, OpenSearch, Elasticsearch.
- Cloud & DevOps: Kubernetes (K8s), Docker, AWS, Azure, Jenkins, Pex, Git.
- Architecture: RESTful APIs, System Design, IDAM, CyberArk.

## PROFESSIONAL EXPERIENCE

### TATA CONSULTANCY SERVICES (TCS) | Hyderabad, India

*Senior Python Developer | Nov 2022 - Present*

- Spearheaded the migration of a monolithic architecture to Microservices using FastAPI and Kubernetes, handling a 40% increase in traffic.
- Architected high-performance RESTful APIs and optimized PostgreSQL queries to reduce average response time by 70%.
- Mentored a team of 4 junior developers, conducting code reviews and enforcing PEP8 standards.

#### Onsite Technical Lead - GS CALTEX (Yeosu, South Korea) | 6 Months

- Selected by leadership to travel onsite to bridge the technical gap between business stakeholders and the offshore development team.
- Collaborated directly with client solution architects to finalize AWS cloud infrastructure and Kubernetes cluster requirements.
- Managed the User Acceptance Testing (UAT) phase and resolved critical bugs in Python/Django logic to ensure on-time Go-Live.
- Facilitated knowledge transfer workshops for the client's internal IT team.

### INFOSYS LIMITED | Hyderabad, India

*Senior System Engineer (HPE Project) | Jan 2020 - Nov 2022*

- Engineered end-to-end Python automation scripts for Identity and Access Management (IDAM) lifecycle management, reducing manual provisioning by 40%.
- Developed a robust RESTful API layer using Flask to expose complex automation workflows.
- Architected and configured the full suite of CyberArk components and managed L3/L4 security operations using ServiceNow.
- Designed and optimized the underlying PostgreSQL database schema for high-availability security logging.

## CERTIFICATIONS & EDUCATION

- Infosys Certified Python Associate
- Purdue University: Applied Cybersecurity Essentials

**B.Tech in Computer Science | SIR C.R REDDY COLLEGE OF ENGINEERING**