# **ABHIJEET YADAV**

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#### **OBJECTIVE**

Software Engineer with 2+ years of experience in developing and operating scalable services, specializing in distributed systems and microservices architecture. Proven track record in debugging complex systems and implementing robust solutions using object-oriented programming principles.

#### **EXPERIENCE**

Software Developer[C]

Nov 2024 - Present

Cisco

Bengaluru, India

- Architected and implemented microservices using Python and Django, handling 1000+ concurrent requests with 99.9% uptime
- Designed and optimized distributed database systems using MySQL and MongoDB, improving query performance by 15%
- Worked with Jira for issue tracking and Jenkins for CI/CD pipelines, supporting rapid and reliable deployment workflows
- Integrated and managed Kafka-based distributed systems, ensuring reliable stream processing and service communication
- Implemented robust error handling and monitoring systems, reducing system downtime by 40%

**Software Developer** 

Oct 2023 - Present

Cisco Bengaluru, India

- Engineered scalable microservices for network configuration management using OOP principles
- Developed and maintained distributed systems for network automation, processing concurrent operations
- Implemented comprehensive debugging and monitoring solutions, improving system reliability by 35%
- Led code reviews and implemented best practices for code quality and documentation.

## **EDUCATION**

B.Tech in Computer Science MMMUT, Gorakhpur

2018 - 2022

**Relevant Coursework**: Data Structures & Algorithms, Operating Systems, Advanced C++ Programming, Software Architecture, Systems Programming, Computer Networks

Certification: CCNA, Cisco Certified DevNet Associate, Meta-Backend Developer, Gen Al

**SKILLS** 

**Programming Languages**Python, C++, Java, JavaScript
Web Technologies
Django, Flask, REST APIs, React.js

**Databases** MySQL, MongoDB

Operating Systems Linux, Unix, OS Internals, System Programming

**Tools & Platforms**Git, Docker, AWS, Jira, Jenkins, Kafka **Testing**Unit Testing, Integration Testing, PyTest

**Development Practices**Agile/Scrum, CI/CD, Test-Driven Development (TDD) **Professional Skills**Problem Solving, Team Collaboration, Analytical Thinking

**PROJECTS** 

**COMETIQ** | Django, Python, Javascript

- Led the development of a fully-functional-blogging platform using Django, resulting in a 40% increase in daily transactions within the first quarter.
- Designed and deployed a scalable and intuitive dashboard using Django and Django REST Framework, achieving a 30% improvement in managing post and CRUD.

### **CRYPTO DASH** - A Cryptocurrency Tracker | *Django, Python, Bootstrap*

- Developed a **responsive** web application to track real-time cryptocurrency prices and trends.
- Utilized ReactJS for the front-end, creating dynamic user interfaces and efficient data rendering
- Integrated APIs to fetch live cryptocurrency data.