

Yash Ashok Maurya

Mumbai, Maharashtra | Ph: +91 9967698652 | iyashmaurya@gmail.com | [LinkedIn](#)

EDUCATION

N.M.A.M Institute Of Technology

Bachelor of Engineering in Information Science (CGPA: 8.5/10)

Nitte, KA

Aug 2021 - Aug 2025

Relevant Coursework: Object-Oriented Programming, Databases, Data Structure, Algorithm, Operating System, Computer Networks.

WORK EXPERIENCE

JUNIPER NETWORKS

Bengaluru, KA

Software Engineer Intern

Jan 2025 – Jul 2025

- Implemented and tested Java-based RESTful APIs using Spring Boot, following SDLC best practices and utilizing OOP principles, enabling real-time visibility into excluded configuration paths, reduced onboarding time by 40%.
- Engineered a PoC tool on Linux platform to identify, debug, and highlight key differences between legacy and updated system configuration using internal APIs and file system, reducing error rates by 50%.
- Enhanced code quality within an Agile/Scrum environment through rigorous unit and integration testing, decreasing post-release defects by 20% and improving overall system stability during the internship.
- Designed a Golang-based automation tool to parse and segment configuration files based on Xpath queries, leading to a 30% reduction in computational resources during updates.
- Led identified and resolved production issues, performing incident management, root cause analysis, and service restoration to maintain 90% uptime.

STEALTH STARTUP

Remote

Teaching Assistant

May 2024 – Sep 2024

- Mentored 300+ students in Java-based data structures and algorithms, addressing bug fixes and common coding errors, which improved average assignment grade completion rates by 25%.
- Audited 100+ code submissions and provided actionable feedback, resulting in a 25% improvement in learner code accuracy and runtime efficiency on test platforms.
- Spearheaded community support initiatives, managing project coordination, project tracking, and reporting for India's top DSA YouTube channel (3M+ subscribers), driving a 35% increase in learner engagement via prompt query resolution and weekly live sessions.

PROJECTS

URL SHORTENER

Jul 2025

- Designed and developed a scalable URL Shortener application leveraging Go Fiber for lightweight, high-performance API handling and Redis for fast in-memory storage and retrieval.
- Implemented features for secure short URL generation, efficient redirection, and optimized performance to handle high traffic with minimal latency.

PATIENT MANAGEMENT SYSTEM

Aug 2025

- Architected a cloud-native microservices-based Java-backend for healthcare management using SpringBoot, Docker and PostgreSQL, implementing Web Services for efficient communication between services.
- Integrated gRPC and RESTful APIs for real-time communication across web services.
- Deployed to AWS, leveraging cloud computing, using Apache Kafka for asynchronous messaging and API Gateway for scalable routing.

SKILLS

- **Programming Languages** : C++, Java, Go, SQL, Javascript
- **Core Concept** : Multithreading, Design Patterns, Microservices Architecture, RESTful API Design
- **Backend Frameworks** : Spring Boot, Spring Framework, Spring Data JPA, Spring Security, Go fiber, gRPC
- **API & Build Tools** : REST APIs, gRPC, Swagger (OpenAPI), Postman, Maven
- **Messaging & Streaming Systems** : Apache Kafka
- **Development & Cloud Tools** : Docker, Docker Compose, Kubernetes (Basic), Kafka, Git, JUnit 5, AWS (EC2, ECS)
- **Databases & Storage** : PostgreSQL, MySQL, MongoDB, Redis