

# AYUSH ARYA

Backend Developer | Node.js, Java, Python | 2+ YOE in Scalable Systems

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## PROFESSIONAL SUMMARY

Backend Developer with 2+ years of experience building scalable systems and full-stack web applications. Skilled in Node.js, Java Spring Boot, Python Flask, React.js, RESTful APIs, and microservices. Proven ability to improve performance, reduce load times, and contribute to high-impact product launches using cloud and DevOps tools (AWS, Docker, Git).

## TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript, Node.js, Express.js, Java (Spring Boot), Python (Django, Fast Api), React.js, React Native, Next.js, TypeScript, HTML5, CSS3
- **Databases:** MongoDB, MySQL, PostgreSQL
- **DevOps & Tools:** Docker, Git, GitHub, AWS (EC2, S3), Jira, Slack
- **Other:** REST APIs, Microservices, Agile, Unit Testing (JUnit, PyTest), Report Generation

## WORK EXPERIENCE

### Software Developer

**Bright Digital Gold | Full-Time | Dec 2022 – Present**

Tech Stack: Node.js, Express.js, Java Spring Boot, React.js, TypeScript, MongoDB, MySQL, Python Flask, AWS, Docker

- Designed and built RESTful APIs, improving data accuracy by 15% and application scalability.
- Developed responsive frontend using React.js and TypeScript, reducing page load time by 20%.
- Optimized database queries and schema (MongoDB, MySQL), resulting in a 30% improvement in query execution.
- Integrated third-party APIs with microservices architecture using Python Flask, boosting system performance by 25%.
- Deployed on AWS (EC2, S3) with Docker containers, increasing deployment efficiency by 20%.
- Collaborated using Git and peer reviews, reducing bugs by 15%.

### Software Developer

**TestOfire Technologies | Part-Time | Feb 2023 – Present**

Tech Stack: React Native, Django, Java, Node.js, PostgreSQL, MongoDB, JUnit, PyTest

- Led fullstack development of a student-coaching app with real-time data synchronization.
- Architected REST APIs ensuring low-latency updates and 30% improved communication efficiency.
- Built robust backend with Django and PostgreSQL supporting dynamic user interactions.
- Conducted unit testing with JUnit and PyTest, achieving 98% code coverage and reducing defects.

## EDUCATION

**Bachelor's Degree in Computer Applications**

Lingaya's Vidyapeeth | Aug 2018 – Jun 2021

CGPA: 7.71 / 10

## CERTIFICATIONS

- Full Stack Web Development – Coursera (2023)
- Java Programming and Software Engineering Fundamentals – Udemy (2022)
- Python for Data Science and Web Development – Udemy (2022)
- AWS Certified Developer – Associate (In Progress)

## KEY ACHIEVEMENTS

- Reduced page load times by 20% through frontend optimizations and backend query enhancements.
- Successfully launched high-impact projects on time, contributing to a 10% revenue increase at Bright Digital Gold.
- Improved application performance by 25% via microservices and third-party API integrations.