

NIKHIL BHASIN

Software Development Engineer

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PROFESSIONAL SUMMARY

Results-oriented Mid-level Software Engineer with expertise in backend system design and cloud technologies. Proficient in developing scalable microservices and distributed systems using Java, Spring Boot, and Amazon Web Services. Effective in aligning technical solutions with user requirements and maintaining system reliability as a Service Owner.

EXPERIENCE

Software Development Engineer I, Amazon Web Services

Amazon July 2022 – Present | Gurugram, India

- Engineered backend systems for Amazon's Physical Stores, enabling frictionless shopping in 200+ stores across USA, EU, & Australia.
- Spearheaded a two-person team to develop an Infrastructure Library (CDK), cutting setup time by 75% and designed a Media Obfuscation Service with 99.99% availability for video distribution.
- Transitioned to micro-frontends, reducing bundle size by 50% and saving 240 SDE hours/year; managed critical service migrations that reduced operational effort and costs by 30%.
- Designed the Operational Monitoring & Alert Platform, boosting Operations Manager visibility and reducing Shopping Receipt Latency by 72% through task prioritization. In addition, provided on-call support to maintain system reliability and minimize downtime.
- Tech Stack:** Java, Spring, ReactJS, TypeScript, Elasticsearch, Amazon Web Services (EC2, S3, DynamoDB, RDS, Lambda).

Software Engineer Intern, Data Activation Platform

Innovaccer Feb 2022 – July 2022 | Noida, India

- Developed production-ready microservices for data standardization, building data pipelines that processed over 5 TB of healthcare data daily, automating ingestion of archived data into S3, optimizing patient record management and reducing processing time by 40%.
- Tech Used:** Java, Python, Docker, Amazon Web Services.

Software Engineer Intern, Data Activation Platform

Innovaccer May 2021 – Sep 2021 | Noida, India

- Engineered **FHIR**-based microservices, managing RESTful API design, deployment, and scalable backend services for Data Quality Reports with 90% unit test coverage, including Authentication and CI/CD.
- Tech Used:** Django & Flask, PostgreSQL, Amazon Web Services.

Software Engineering Intern

Internet Bull Report Inc Feb 2021 – May 2021 | Barcelona, Spain

- Developed scalable web solutions from scratch using front-end and back-end technologies, optimizing UI/UX, reducing load times by 30%, and driving a 20% increase in user engagement.
- Tech Used:** NodeJS, ExpressJS, MongoDB, Javascript, HTML/CSS.

Teaching Assistant, Java

Coding Ninjas April 2020 – Aug 2020 | New Delhi, India

- Assisted over 100 students in **Java**, **Data Structures**, & **Problem Solving** resolving around 20 doubts / session with a 4.9/5 rating.

EDUCATION

B.Tech | Information Technology

Jaypee Institute Of Information Technology

Grad. Jun 2022 | Cum. GPA: 7.6 / 10

SKILLS

Programming Languages

Expert: Java Python TypeScript

Intermediate: JavaScript C/C++

Backend Technologies

Expert: Spring/Spring Boot Django

Intermediate: ExpressJS Flask

Database Management Systems

SQL: PostgreSQL MySQL

NoSQL: MongoDB Redis

Frontend Technologies

Proficient: ReactJS HTML5

Familiar: AngularJS CSS3

DevOps & Other Skills

Git VCS Amazon Web Services

Cloud Development Kit Docker

Kubernetes Bash Scripting

ACHIEVEMENTS

🏆 Ranked **1,129th** globally in UWCOI 2021, Singapore.

🏆 Solved over **500** problems on LeetCode.

🏆 Achieved **1st** place among 500+ in the Code-Wars competition.

🏆 Attained a maximum rating of **1,629** on CodeChef.

🏆 Awarded the **Prime Minister's Scholarship** by the Govt. of India.