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 - April 2025 | 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

Database Management Systems

Flask

SQL:	PostgreSQL	MySQL
NoSQ	L: MongoDB	Redis

Intermediate: ExpressJS

Frontend Technologies

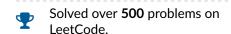
Proficient:	ReactJS	HTML5
Familiar:	AngularJS	CSS3

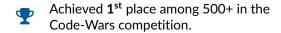
DevOps & Other Skills

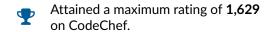
Git VCS A	mazon Web	Services
Cloud Develo	opment Kit	Docker
Kubernetes	Bash Scrip	ting

ACHIEVEMENTS

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







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