

NIKHIL BHASIN

Software Development Engineer

@ bhasin.nikhil.12@gmail.com

in bhasin-nikhil

+91-7428854398

nikhil-bhasin.netlify.app

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PROFESSIONAL SUMMARY

Mid-level Software Engineer with expertise in backend system architecture and cloud computing. Proficient in designing scalable features and aligning user needs with technical specifications. Experienced in driving architectural enhancements and acting as a Designated Responsible Individual (DRI) to ensure system reliability and efficiency.

EXPERIENCE

Software Development Engineer I, Amazon Web Services

Amazon July 2022 – Present | Gurugram, India

- Contributed to the Just Walk Out (JWO) team, enabling frictionless shopping in 200+ stores and leading scalable feature development to enhance backend system architecture.
- 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 lowered operational effort and costs by 30%.
- Provided on-call support weekly, resolving customer issues promptly and ensuring service reliability.
- Tech Stack:** Java, Spring, ReactJS, TypeScript, AngularJS, 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 and parsers, optimizing EMPI orchestration and building data-transforming pipelines to process terabytes of healthcare data daily, including unzipping archived data into S3.
- 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 using front-end and back-end technologies, enhancing UI/UX infrastructure of existing websites.
- Tech Used:** NodeJS, ExpressJS, MongoDB, Javascript, HTML/CSS.

Teaching Assistant, Java

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

- Assisted students in **Java**, **Data Structures**, and **Problem Solving** through discussions.

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.