Nikhil Bhasin

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EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
B.Tech in Information Tech.
Grad. Jun 2022 | Noida, India
Cum. GPA: 7.6 / 10

KENDRIYA VIDYALAYA
Graduated 2018 | Mumbai, India
12th: 88%, JEE MAIN: 96%ile
10th: GPA 10 / 10

LINKS

LinkedIn: **Nikhil Bhasin**
LeetCode: **phoenix_1_2**
Github: **phoenix-1-2**

SKILLS

PROGRAMMING
Advanced: Java, Python, TypeScript
Intermediate: JavaScript, C/C++

BACKEND TECH STACK
Advanced: Java (Spring, JUnit), Python (Django, Flask, Pytest)
Intermediate: JavaScript (NodeJS, ExpressJS)
Databases: PostgreSQL, MongoDB, DynamoDB, Redis

FRONTEND TECH STACK
Advanced: ReactJS, HTML5
Intermediate: AngularJS, CSS3

DEVOPS & OTHER SKILLS
Advanced: Git Version Control, Amazon Web Services, Cloud Development Kit
Intermediate: Docker, Kubernetes, Bash Scripting

ACHIEVEMENTS

• Solved over **500+** problems on LeetCode.

• Achieved a global ranking of **1129th** in the UWCOI 2021, Singapore.

• Secured **1st** place out of 500+ participants in the Code-Wars coding competition.

• Attained a maximum rating of **1629 (3 stars)** on CodeChef.

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

EXPERIENCE

AMAZON | Software Development Engineer - I
Amazon Web Services | July 2022 – Present | Gurugram, India
- Contributed to the Just Walk Out (JWO) Tech team, enabling frictionless shopping across 200+ stores in international markets.
- Owned end-to-end software development for scalable, maintainable features, enhancing architectural designs to support system growth.
- Spearheaded a two-person team to design and implement an Infrastructure Library (CDK), adopted organization-wide, reducing infrastructure setup time by 75% while automating deployment, metrics, and alarm management.
- Collaborated within a three-person team to design a Media Obfuscation and Streaming Service with 99.99% availability, handling server-side obfuscation and watermarking before video distribution.
- Drove the transition from a monolithic front-end to micro-frontends, reducing the bundle size by 50% (1MB to 500KB) and boosting developer productivity by saving 240 SDE hours/year.
- Led the migration and deprecation of critical JWO services, reducing operational effort, cutting variable costs per unit sold, and lowering Associate Effort by 30%.
- Provided 24-hour on-call support one week per month, enhancing operational efficiency and resolving customer-facing issues in real-time.
- Tech Stack: **Java**, **Spring Framework**, **ReactJS**, **TypeScript**, **AngularJS**, **Amazon Web Services (EC2, S3, DynamoDB, RDS, Lambda)**.

INNOVACCER | Software Engineer Intern (Big Data)
Data Activation Platform | Feb 2022 – July 2022 | Noida, India
- Worked in an Agile Development Environment in the Data Activation Platform Team to develop the production-ready micro-services for Data Standardization.
- Worked on different healthcare-data exchange format parsers, data-transforming pipelines, and utility/processing modules for terabytes of data daily.
- Worked on optimizing EMPI (Enterprise Master Patient Index) orchestration and data transforming pipeline that unzips archive data and puts it into the S3 Bucket.
- Tech Used: **Python**, **Scala**, **Docker & Kubernetes**, and **Amazon Web Services**.

INNOVACCER | Software Development Engineer Intern
InAPI Platform | May 2021 – Sep 2021 | Noida, India
- Engineered **FHIR**-based data model micro-services, ensuring production readiness, in an Agile environment as part of the InAPI Product Engineering team.
- Responsible for RESTful API Design and Development, Documentation, Test Driven Development and Deployment.
- Created optimized and scalable Back-end services of Data Quality Report from ground zero, including APIs design and documentation, Unit Testing (90% coverage), API Development, JWT Authentication, and GitLab CI/CD pipeline.
- Tech Used: **Django & Flask**, **PostgreSQL**, and **Amazon Web Services**.

INTERNET BULL REPORT INC | Software Engineering Intern
Product Development Team | Feb 2021 – May 2021 | Barcelona, Spain
- Developed and designed scalable web-based software solutions to solve complex business problems from scratch using Front-end and Back-end Technologies.
- Built and improved the UI/UX infrastructure and components of existing websites.
- Tech used: **NodeJS**, **ExpressJS**, **MongoDB**, **VanillaJS**, **Bootstrap**, and **HTML/CSS**.

CODING NINJAS | Teaching Assistant
April 2020 – Aug 2020 | New Delhi, India
- Conducted interactive discussions with students and assisted them through question clarification and simplified doubts of the students related to **Java**, **Data Structures**, **Problem Solving**, and **Algorithms**.