

# 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

12th | Grad. May 2018 | Mumbai, India

Percentage: 88%

JEE MAIN: 96 %ile

10th | Grad. May 2016 | Goa, India

Cum. GPA: 10 / 10

## LINKS

LinkedIn: Nikhil Bhasin

LeetCode: phoenix\_1\_2

Github: phoenix-1-2

## COURSEWORK

Software Architecture & Design

Micro-services & Distributed Systems

Software Design Patterns

Object Oriented Design

Design & Analysis of Algorithms

Data Structures

Database Management Systems

Operating Systems

Computer Networks

## SKILLS

### PROGRAMMING

- Java • Python • JavaScript
- TypeScript • Go • C/C++ • Kotlin

### BACKEND TECH STACK

- **Java:** Spring Boot, JUnit
- **Python:** Django, Flask & Pytest
- **JavaScript:** NodeJS & ExpressJS
- **Databases:** PostgreSQL, MongoDB, DynamoDB & Redis

### FRONTEND TECH STACK

- ReactJS • AngularJS • HTML5 / CSS3

### DEVOPS & OTHER SKILLS

- Amazon Web Services • Docker
- Kubernetes • Bash Scripting
- Elasticsearch, Logstash & Kibana
- Git Version Control • Data Analytics
- Machine Learning

## ACHIEVEMENTS

- 500+ Problems Solved on LeetCode.
- Prime Minister's Scholarship - Govt. Of India

## EXPERIENCE

### AMAZON | SOFTWARE DEVELOPMENT ENGINEER - I

Amazon Web Services | July 2022 – Present | Gurugram, India

- Contributing to the Just Walk Out (JWO) Tech team, facilitating friction-less shopping solutions across diverse stores and international markets.
- Owning E2E software development of large scale maintainable features and scaling current system's architectural designs.
- Led a two-person team in designing and developing an Infrastructure Library, which has been widely adopted across the organisation to expedite the setup of infrastructure, metrics and alarms management and related processes.
- Collaborated in a team of three to revamp and design a Media Obfuscation and Streaming Service with 99.99% availability. The service performs server-side obfuscation and watermarking before distributing videos to front-end services.
- Managed migration and deprecation of critical JWO services, reducing operational effort and lowering variable costs per unit sold.
- Provided on call support to the team once a week every month for 24 hours, to improve operational efficiency and resolve customer facing issues.
- Interfaced with Amazon Teams in Seattle to manage project dependencies through the project life-cycle.
- Translating business and functional requirements into concrete deliverables and building quick prototypes in partnership with technology leaders.
- **Tech Used:** Java, AngularJS, ReactJS, TypeScript and Amazon Web Services.

### INNOVACER | 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.

### INNOVACER | SOFTWARE DEVELOPMENT ENGINEER INTERN

InAPI Platform | May 2021 – Sep 2021 | Noida, India

- Worked in an Agile Development Environment in the InAPI Product Engineering Team to develop production-ready FHIR-based data model micro-services.
- 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.