

# 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: 85%

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

HackerRank: nikhil\_12\_04

CodeChef: phoenix\_1\_2

## SKILLS

### PROGRAMMING SKILLS

- Data Structures & Algorithms
- Java • C++ • Python
- JavaScript (ES-6)

### TECHNOLOGY STACK

- **Java** - Spring, Spring Boot & Hibernate
- **Python** - Django, Flask & FastAPI
- **Javascript** - Node, Express & React
- **Database** - PostgreSQL, MongoDB, Redis & DynamoDB
- **Data Warehouse** - Snowflake & Redshift
- **ELK** - Elasticsearch, Logstash & Kibana.
- **Testing** - JUnit (Java) & Pytest (Python)
- **Cloud** - Amazon Web Services (AWS)
- **API Tools** - Postman & Swagger
- **Dev Tools** - Docker, Kubernetes, Bash Scripting, Git Version Control
- **Other Skills** - Data Analytics, Machine Learning, HTML5/CSS3 & Bootstrap

## ACHIEVEMENTS

- **500+** Problems Solved on LeetCode.
- **Qualified Coding Round** - Uber HackTag, Uber Technologies
- **1129<sup>th</sup> World Rank** - UWCOI 2021, UWCSEA, Singapore.
- **1629 - Max Rating**: Codechef (3 stars)
- **Prime Minister's Scholarship** - MHA, Govt. Of India
- **1<sup>st</sup>/250 - Code-Wars**: Coding Competition
- **6 Stars Problem Solving**: HackerRank

## EXPERIENCE

### AMAZON | SOFTWARE DEVELOPMENT ENGINEER

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

- Working in an Agile/Scrum environment in the Amazon Web Services (AWS) Physical Stores Team for the **Just Walk Out (JWO)** Technology to deliver high-quality software against aggressive schedules.
- Responsible for inventing new features and analyzing Architectural Design approaches in conjunction with technology leaders.
- Developing, Deploying, and Maintaining highly Reliable, Available, and Maintainable Distributed Services.
- Translating business and functional requirements into concrete deliverables and building quick prototypes or proofs of concept in partnership with other technology leaders within the organization.
- **Tech Used**: Java, AngularJS 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.
- Responsible for Requirement Gathering, Feature/Algorithm Development, Documentation, Test-Driven Development, and Deployment.
- 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.
- Developed CI/CD pipelines and achieved 90% coverage on all the projects.
- **Tech Used**: Python, Java, Scala, PostgreSQL, UnitTest, Pandas, Docker, Kubernetes, Snowflake, MongoDB, 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, OpenAPI Documentation, Request Validation, Test Driven Development, Logging, and Debugging.
- 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.
- Scoped and designed FHIR-based data model Analytics APIs.
- Developed CI/CD pipelines and achieved 90% coverage on all the projects.
- **Tech Used**: Django Rest Framework, PostgreSQL, Flask, UnitTest, SQLAlchemy, SonarQube, Swagger, 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**.