

# Nikhil Bhasin

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## EDUCATION

### JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH IN INFORMATION TECH.

Expected Jun 2022 | Noida, India

Cum. GPA: 7.7 / 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

HackerRank:nikhil\_12\_04

Github: phoenix-1-2

LeetCode: phoenix\_1\_2

CodeChef:phoenix\_1\_2

## SKILLS

### PROGRAMMING SKILLS

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

### BACKEND SKILLS

- NodeJS & ExpressJS
- Django
- Flask
- PostgreSQL
- MongoDB
- SQLAlchemy - ORM
- Mongoose - ODM

### FRONTEND SKILLS

- HTML/CSS
- VanillaJS
- ReactJS & Material-UI
- Bootstrap & Reactstrap
- jQuery

### DEVTOOLS AND OTHER SKILLS

- Amazon Web Services
- Git Version Control
- Linux
- Postman
- Swagger
- SonarQube
- Unit Testing - Pytest
- Data Scraping & Analytics
- Machine Learning

## EXPERIENCE

### INNOVACER | SOFTWARE DEVELOPMENT ENGINEER-INTERN

May 2021 – Present | Noida, India

- Working in an Agile Development Environment to write production-ready code for the FHIR (Fast Healthcare Interoperability Resources) APIs, FHIR Analytics APIs, and Data Migration Pipeline APIs.
- Responsible for RESTful API Design and Development, Documentation, Request Validation, Test Driven Development, and Debugging.
- Implemented Data Migration Pipeline APIs and their Swagger Documentation that converts customer-end data to FHIR supported data using **Amazon Web Services (RDS, S3, DMS, SQS)**.
- Implemented Unit Testing for the Analytics APIs with a coverage report of 97 %.
- **Tech Used:** Django Rest Framework, PostgreSQL, Flask, PyTest, SonarQube, SQLAlchemy, Amazon Web Services (RDS, S3, DMS, SQS) and Swagger.

### INTERNET BULL REPORT INC | SOFTWARE ENGINEERING - INTERN

Feb 2021 – May 2021 | Barcelona, Spain

- Developed fast and 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, Mongoose, MongoDB, VanillaJS, Bootstrap and HTML/CSS.

### CODING NINJAS INDIA | TEACHING ASSISTANT

April 2020 – Aug 2020 | New Delhi, India

- Conducted interactive discussions with students and assisting them through question clarification and simplified doubts of the students related to **Java, Data Structures, Problem Solving, and Algorithms**.

## PROJECTS

### UNISTORE (MONGODB | EXPRESSJS | NODEJS)

- Built an eCommerce website that contains features like Adding to Cart, Adding New Products, Getting Order Invoices(PDF), Mailing Services, and Advanced Authentication.

### BT REAL ESTATE (VANILLAJS | DJANGO | POSTGRESQL)

- Developed a real-world responsive web app for searching residential properties. It has features like Advanced Searching, Image gallery, Admin Panel and Dashboard for users.

### SOFTWARE REFACTORING (JAVA | JMETAL)

- Optimized software refactoring process to increase the readability and efficiency of the project using Multi-Objective Evolutionary Algorithms.

## PROGRAMMING ACHIEVEMENTS

|      |                      |  |
|------|----------------------|--|
| 2021 | Qualified            | Coding Round : Uber HackTag, Uber Technologies, Inc. |
| 2021 | 1129 <sup>th</sup>   | World Rank : UWCOI 2021 , UWCSEA , Singapore         |
| 2021 | 1629                 | Max Rating : Codechef ( 3 stars )                    |
| 2021 | 1532                 | Max Rating : LeetCode ( 3 stars )                    |
| 2021 | 6 Stars              | Problem Solving : HackerRank                         |
| 2020 | Top 5%               | World Rank : Kaggle Digit Recogniser Competition     |
| 2020 | Top 9%               | World Rank : Kaggle Titanic-Prediction of Disaster   |
| 2020 | 1 <sup>st</sup> /250 | Code-Wars: Coding Competition, BVCOE ,Delhi          |