

# Nikhil Bhasin

bhasin.nikhil.12@gmail.com | +91-7428854398 | nikhil-bhasin.netlify.app

## 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: 88%

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

## COURSEWORK

### UNDERGRADUATE

Data Structures

Web Technologies

System Design

Design and Analysis of Algorithms

Database Management Systems

Object-Oriented Programming

Data Science & Machine Learning

Computer Networks

Operating Systems

## 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 • Linux
- Git Version Control • Postman
- Swagger • System Design • SonarQube
- Unit Testing • Data Scraping
- Data Analytics • Machine Learning

## EXPERIENCE

### INNOVACER | SOFTWARE DEVELOPMENT ENGINEER-INTERN

May 2021 – Sep 2021 | Noida, India

- Working in an Agile Development Environment to write production-ready code for the FHIR (Fast Healthcare Interoperability Resources) APIs, FHIR Analytics APIs, Data Migration Pipeline APIs, and Data Quality Report APIs.
- 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 which includes APIs design and documentation, Unit Testing (90% coverage), API Development, JWT Authentication, and GitLab CI/CD pipelines.
- Designed and developed Data Migration Pipeline APIs and its OpenAPI Specification that converts customer-end data to FHIR supported data using Amazon Web Services (RDS, DMS, S3, and SQS).
- Implemented Unit Testing for the Analytics APIs with a coverage report of 97%.
- Tech Used: Django Rest Framework, PostgreSQL, Flask, UnitTest, SQLAlchemy, SonarQube, Swagger, and Amazon Web Services (RDS, S3, DMS, SQS).

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

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, 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 Cart, Order Invoices(PDF), Authentication, Add Product, and Mailing Services.

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

- Developed a website for searching residential properties that has features like Searching, Gallery, Admin Panel and Dashboard.

### SOFTWARE REFACTORING (JAVA | JMETAL)

- Optimized software refactoring process to increase the readability and efficiency 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 ( 3.5 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