

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

COURSEWORK

UNDERGRADUATE

Data Structures

Web Technologies

System Design

Design and Analysis of Algorithms

Database Management Systems

Object-Oriented Programming

Computer Networks

Machine Learning

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 - Pytest • Data Scraping
- Data 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, Data Migration Pipeline APIs, and Data Quality Report APIs.
- Responsible for RESTful API Design and Development, OpenAPI Documentation, Request Validation, Test Driven Development, and Debugging.
- Designed and implemented Data Migration Pipeline APIs and its OpenAPI Specification that converts customer-end data to FHIR supported data using **Amazon Web Services (RDS, S3, and SQS)**.
- Designed and implemented Data Quality Report APIs and its OpenAPI Specification that gives a quantitative and qualitative analysis of the records converted to FHIR supported data.
- 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, S3, DMS, SQS), and Swagger.

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 th	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 st /250	Code-Wars: Coding Competition, BVCOE ,Delhi