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
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 • SonarQube
• Unit Testing - Pytest • Data Scraping
• Data Analytics • Machine Learning

EXPERIENCE

INNOVACCER | 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, DMS, 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, 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.

PROGRAMMING ACHIEVEMENTS

Year	Rank	Description
2021	Qualified	Coding Round : Uber HackTag,Uber Technologies, Inc.
2021	1129th	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	1st/250	Code-Wars: Coding Competition, BVCOE ,Delhi