Nikhil Bhasin

SOFTWARE ENGINEER · INFORMATION TECHNOLOGY MAJOR

☐ (+91)-7428854398 | ✉ bhasin.nikhil.12@gmail.com | 🏠 nikhil-bhasin.netlify.app | ⬡ phoenix-1-2 | 🔗 nikhil1204

Education

Jaypee Institute of Information Technology   *Noida, India*

B.TECH. IN INFORMATION TECHNOLOGY   *May. 2018 - May. 2022*

- Cum. GPA: 7.7 / 10
- Coursework : Data Structures, Web Technologies, System Design, Design and Analysis of Algorithms, Database Management Systems, Object Oriented Programming, Data Science, Machine Learning, and Operating Systems

Kendriya Vidyalaya   *Mumbai, India*

PHYSICS,CHEMISTRY,MATHS AND COMPUTER SCIENCE   *Grad.May 2018*

- Percentage: 88%

Skills

Programming	Data Structures, Algorithms, Java, C++, Python, JavaScript (ES-7), Latex
Back-end	Django, NodeJS, ExpressJS, Flask,SQLAlchemy, Mongoose
Databases	PostgreSQL, MySQL, MongoDB
Front-end	HTML5, CSS, VanillaJS, ReactJS, Material-UI, Bootstrap, Reactstrap, jQuery
DevOps	Amazon Web Services, Linux, Git Version Control, Postman, Swagger, SonarQube, Unit Testing
Other Skills	System Design, Data Scraping, Data Analytics, Machine Learning

Experience

Innovaccer   *Noida, India*

SOFTWARE DEVELOPMENT ENGINEER - INTERN   *May. 2021 - Sep. 2021*

- Worked in an Agile Development Environment in the InAPI Product Engineering Team to develop the production-ready Backend services of **FHIR** Server, FHIR Analytics Server, Data Migration Pipeline, and Data Quality Report.
- Responsible for RESTful API Design and Development, OpenAPI Documentation, Request Validation, Test-Driven Development, Logging and Debugging.
- Created optimised 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 pipeline.
- Designed and developed Data Migration Pipeline APIs and their 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%.
- Developed Aggregation Feature in FHIR Analytics APIs.
- **Tech Used**: **Django Rest Framework**, **PostgreSQL**, **Flask**, **UnitTest**, **SQLAlchemy**, **SonarQube**, **Swagger**, and **Amazon Web Services (RDS, S3, DMS, SQS)**.

Internet Bull Report Inc.   *Barcelona, Spain*

SOFTWARE ENGINEERING - INTERN   *Feb. 2021 – May. 2021*

- Developed and designed scalable web-based software solutions to solve complex business problems from scratch using Front-end and Back-end Technologies.
- Building and improving the UI/UX infrastructure and components of current websites.
- Collaborating with the team to develop UI components and on-brand design patterns.
- Deployed the web-based software solutions.
- **Tech used**: **NodeJS**, **ExpressJS**, **Mongoose**, **MongoDB**, **VanillaJS**, **Bootstrap** and **HTML/CSS**.

Coding Ninjas   *New Delhi, India*

TEACHING ASSISTANT   *April. 2020 – Aug. 2020*

- Conducted interactive discussions with students and assisting and mentoring them through question clarification and problem-solving skills.
- Simplified 1000+ doubts of students with a 4.82/5 rating.
- **Tech Stack :** **Java**, **Data Structures** and **Algorithms**

Projects

ExamOne Server

An Online Examination Portal   *Sep. 2021*

- ExamOne is an Online Testing Platform For Conducting Remote Online Examinations.
- ExamOne is an optimised system with unique features to conduct objective, subjective as well as coding examinations online with Advanced Authentication using JWT.
- It can evaluate the examinations (objective, subjective & coding tests) using machine learning algorithms, therefore, making it more convenient to use.
- **Tech Stack : Python, Django REST Framework, PostgreSQL, Cloudinary, Swagger, JSON Web Token(JWT)**

Unistore

An E-Commerce Web Application   *May. 2021*

- Developed a real-world responsive e-commerce web app.
- It has features like Adding to Cart, Adding New Products, Getting Order Invoices(PDF),Pagination, Mailing Services and Advanced Authentication.
- **Tech Stack : JavaScript, NodeJS, ExpressJS, MongoDB, Mongoose, NodeMailer**

BT Real Estate

Real Estate Web Application   *Oct. 2020*

- It is a responsive real world web application
- It has features like Admin Panel ,Inquiry Submission Service, Advanced Searching for filtering the Real Estate based on different parameters.
- **Tech Stack : Python, Django, PostgreSQL, Javascript, HTML/CSS, jQuery**

Burger Builder

Customised Food Delivery Application   *Dec. 2020*

- This is a Burger Builder App for a Restaurant to get the order from the users regarding the particular burger customized by the user.
- **Tech Stack : Javascript, ReactJS, Firebase, Material-UI, ReactStrap**

Achievements

International

2021	**Qualified,** Coding Round : Uber HackTag	*Uber Technologies*
2021	**1128th,** World Rank : United World College Olympiad in Informatics 2021	*UWCSEA, Singapore*
2021	**1629,** Max Rating : Codechef (3 stars)	*Online*
2021	**1532,** Max Rating : LeetCode (3.5 stars)	*Online*
2021	**6 Stars,** Problem Solving : HackerRank	*Online*
2020	**Top 5%,** World Rank : Digit Recogniser Competition	*Kaggle*
2020	**Top 9% ,** World Rank : Titanic-Prediction of Disaster	*Kaggle*

Domestic

2020	**1st Place,** Code-Wars: : Coding Competition	*BVCOE, Delhi, India*
2022	**Prime Minister's Scholarship,** Ministry of Home Affairs, Government Of India	*India*
2021	**Prime Minister's Scholarship,** Ministry of Home Affairs, Government Of India	*India*
2019	**Prime Minister's Scholarship,** Ministry of Home Affairs, Government Of India	*India*

Links

LinkedIn	Nikhil Bhasin
Portfolio	Nikhil Bhasin
Github	phoenix-1-2
HackerRank	nikhil_12_04
LeetCode	phoenix_1_2
CodeChef	phoenix_1_2