

Hi, I'm Raj Kanani
M.Sc. High Integrity Systems | Full-Stack Developer | Data Science Enthusiast

Im Vogelsgesang 28, 60488 Frankfurt am Main
+49 1794313666 | raikanani1206@gmail.com
LinkedIn [↗](#) | Github [↗](#) | Portfolio [↗](#)

Experience

Software Engineer

04.2022 - 02.2023

Exomoon Infotech

Surat, India

- Implementation of modern frontend solutions such as creating/updating, filtering with ReactJS and TypeScript
- Implementation of responsive designs using HTML and CSS based on wireframes
- Maintenance/Bug fixing of existing developed system
- Testing new features before rollout
- Addressed regular production bugs using JIRA

Software Engineer Intern

10.2021 - 03.2022

TechStaunch Software Solutions Pvt. Ltd

Surat, India

- Developed Event Booking System by thoroughly following all phases of SDLC with agile methodology
- Developed email templates using Mandrill and managed static content using Prismic
- Received behavioural and technical skill development training
- Engaged in learning technologies through daily mentoring sessions, assignments, and coding assessments

Education

Master of Science (M.Sc.), High Integrity Systems

04.2023 - Current

Frankfurt University of Applied Sciences

Frankfurt am Main, Germany

- Deep dive into concepts of IT Security, Testing Methods and Data Mining
- Learning core concepts of Safety Critical Computer Systems and Mathematics

Bachelor of Engineering (B.E), Computer Engineering

07.2018 - 06.2022

Gujarat Technological University

Surat, India

CGPA: 8.87 / 10

- Built foundation of theoretical computer science subjects such as Data Structures & Algorithms, Computer Networks, Operating Systems, Software Engineering and much more
- Got hands-on experience in programming languages like C/C++

Projects

Nike Dashboard [↗](#)

Created a Power BI dashboard using its new features, offering concise insights into sales trends and product analytics.

T20 World Cup Cricket Data Analysis [↗](#)

Created a Power BI dashboard to identify top 11 players for a T20 cricket team by using data from espnricinfo, cleaning and transforming the data with pandas, and evaluating various player performance metrics.

Students Exam Scores Analysis [↗](#)

Exploring relationship between different variables in the dataset, visualising data using various plotting techniques, identify trends and patterns in the data.

SortOut [↗](#)

Created SortOut, a sorting visualizer to visualise classic sorting algorithms such as bubble sort, selection sort, insertion sort and merge sort. The main objective of this project was to learn and have a firm grip on how algorithms work. It's designed like a music player where one can pause/play or forward/backward visualizer.

Pin The Trip [↗](#)

A webapp for travellers to share their trip experience that can help others to choose their destination for travel. The main objective of this project was to learn about MERN stack.

Technical Skills

Programming Languages and Databases: C/C++, Python, JavaScript, TypeScript, PostgreSQL, MongoDB

Web: HTML, CSS, Bootstrap, TailwindCSS, MaterialUI, ReactJS, NextJS, NodeJS, Express, SQL, GraphQL

Data Analytics and Visualization: NumPy, Pandas, Matplotlib, Seaborn, PowerBI, Tableau

Utilities/Software: Git/Github, Visual Studio Code, Postman, JIRA, MailChimp, Prismic, MS Office Tools - Word, Excel, PowerPoint

Languages: German(A1), English (Business), Gujarati (Mother-Tongue), Hindi

Others: Flexible, Time -Management, Creative, Communications with the Teams, "Can Do" - Attitude

Self-Learning and Certificates

The Complete Python Bootcamp From Zero to Hero in Python (Udemy) [↗](#)

The Complete SQL Bootcamp: Go from Zero to Hero (Udemy) [↗](#)

React - The Complete Guide (incl Hooks, React Router, Redux) (Udemy) [↗](#)

Python for Data Science and Machine Learning Bootcamp (pursuing) (Udemy)

The Complete Pandas Bootcamp 2024: Data Science with Python (pursuing) (Udemy)

Awards

Hacktoberfest 2022

Successfully participated in Hacktoberfest 22' by contributing in open-source projects.

HackSquad

Successfully participated in HackSquad by contributing in open-source projects.