Rakshath U Shetty

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💻/ https://www.codingninjas.com/studio/profile/Rakshath ⭘ / https://github.com/Rakshath66 📄 / portfolio

EDUCATION

DAYANANDA SAGAR UNIVERSITY	Bengaluru, In
BTECH (Computer science and engineering), ***C G P A – 9.21 / 10***	Dec 2020 – Sept 2024
SPURTHY PU COLLEGE	Bengaluru, In
*Class-12****, percentage- 91.83%***	Aug 2018 – May 2020

PROJECTS

- **PET BOARDING SYSTEM Python**   Aug 2022 - Dec 2022
  (HTML/CSS/Node JS/ Express JS/Mongo DB/ Version Control GIT)
  - **Frontend :** HTML and CSS were used to craft user interface that ensures an excellent user experience, GIT as version control.
  - **Backend :** Node.js and Express.js powered the server-side development, enabling robust server logic and API endpoints.
  - **Database :** Mongo DB was selected as the database system for managing user and booking data instead of file system.
  - **KEY LEARNINGS**: **REST API, Agile Development, MVC Architecture, Client Server Architecture, NoSQL Databases.**

- **COMPLETE FUNCTIONAL REACT CONTACT APP**   Jan 2021 - Mar 2021
  (React JS/ JAVA SCRIPT/ JSON SERVER/ AXIOS API/ SEMANTIC UI LIBRARY/ CSS)
  - A highly functional contact app hosted in server, which takes data from JSON server. React JS is used as frontend to render components. All CRUD operations are performed along with program navigation.
  - **KEY LEARNINGS: Props, React CRUD operations, React Hooks, JSX, DOM, Axios API calls, Component-Functional, Class and Life Cycle methods, Form Handling, Conditional Rendering, Routing, Programmatic Navigation, React search Filter**

- **PLATFORM TO BALANCE CHALLENGES OF URBAN AND RURAL PEOPLE – (ONGOING)**   Oct 2023 - present
  (NODE JS/ EXPRESS JS/ MONGO DB/ API/ THUNDER CLIENT/ POSTMAN)
  - **KEY LEARNINGS**: **Agile Development, File systems, web server, middleware, MVC, REST API, JWT tokens, user roles**

- **AUTOMATED SELFIE CAPTURE WITH EMOTION DETECTION USING COMPUTER VISION**   Jan 2022 - Mar 2022
  (Machine Learning/ Haarcascade Model /Python /Computer Vision)
  - Developed a model that can automatically capture the selfies based on emotion. Trained some datasets using **XML files** around 2000 photos for different emotions. Used **Haarcascade Model**, which is the faster technique in processing data.
  - **IMPACT:- model working with accuracy of around 78.26% for real time data.**

TECHNICAL SKILLS

- **Programming Languages:** C/C++, Java, Python, MYsql, JS, HTML, CSS, Nodejs, Reactjs
- **Developer Tools**: GIT, Android studio, Virtual Box, Xaamp server, VS Code, Jupyter, Postman, ThunderClient
- **Operating Systems:** Windows, Ubuntu, Android
- **Libraries:** OpenCV, Pandas, NumPy, Matplotlib, Python for data science (NPTEL)

CODING ACHIEVEMENTS

• Achieved **Grand Master, Ninja Dominator** (Highest Rank among 7 leagues**)** in Coding Ninjas	Aug 2023
• Solved **1000+ problems** in Coding Ninjas	Aug 2023
• Among **top 503 people** in Coding Ninjas and earned **MASTER** title.	Aug 2023

KEY COURSES TAKEN

- **CSE**: Introduction to C, Fundamentals of Computers, Object Oriented Paradigm in C++, Data Structures and Algorithms, Python Programming, Operating System, Database Management System, Computer Networks & Security, Machine learning, DIP

CERTIFICATIONS

• Python for data science (NPTEL)	Jan 2023
• Completion of Android Studio (Google Developer)	Dec 2022

POSITION OF RESPONSIBILITY

• **Faculty Development Program**, Volunteer, (Dayananda Sagar University)	Feb 2023
• **Club Member**, No Tobacco Act, (Dayananda Sagar University)	Aug 2023