Rakshath U Shetty

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EDUCATION

DAYANANDA SAGAR UNIVERSITY
B.Tech In Computer Science Engineering | Sgpa: 9.71
Expected June 2024 | CGPA: 9.21

SPURTHY PU COLLEGE
Mathematics, Physics, Chemistry, Biology, English
Grad. May 2020 | Per: 91.83

LINKS

Portfolio:// **Rakshath U Shetty**
Github:// **Rakshath U Shetty**
LinkedIn:// **Rakshath U Shetty**
Coding Ninjas:// **Rakshath U Shetty**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Design and Analysis of Algorithms
Object Oriented Programming
Operating System
Database Management System
Computer Networks
Machine Learning, NLP
Cloud Computing
Cyber Security
Agile Software Engineering

SKILLS

LANGUAGES
Advance: • C++ • C • HTML • CSS
Intermediate: • Java • Python • MySQL • Javascript
Novice: GoLang

TECHSTACK
• MERN (MongoDB • Express JS • React JS • Node JS)

LIBRARIES
• React JS • shadcn/ui • cdnjs • semantic-ui • OpenCV • Pandas • NumPy • Matplotlib

DEVELOPER TOOLS
• Git • GitHub • VirtualBox • Jupyter Notebook • Postman • XAMPP • Thunder client • Android Studio • VS Code

FRAMEWORKS
• Express JS • Bootstrap • tailwindcss

OPERATING SYSTEM
• Windows • Ubuntu • Android • Debian (Kali Linux)

PROJECTS

PET BOARDING SYSTEM | Aug 2022 - Dec 2022
Node JS | Express JS | Mongo DB | GIT | HTML | CSS
- website where users can compare and choose best pet boarding services with ease reservation system for their pet
- Learned technologies like REST API, Agile Development, MVC Architecture, Client-Server Architecture, NoSQL Databases

COMPLETE REACT CONTACT APP | Apr 2022 – Jul 2022
React JS | Javascript | JSON Server | AXIOS API | Semantic UI
- A highly **functional contact app**, which takes data from JSON server. React JS is used as frontend to render components to perform all CRUD operations along with program navigation
- Key Learnings are **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 | Postman
- Platform for Rural and Urban people to share and learn their skills.
- Key Learnings are **Agile Development, File systems, web server, middleware, MVC, REST API, JWT tokens, user roles**

AUTOMATED SELFIE CAPTURE WITH EMOTION DETECTION USING COMPUTER VISION | Aug 2021 – Oct 2021
Machine Learning | Haarcascade | 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.
- As an impact, model working with accuracy of around **78.26%** for real time data.

ACHIEVEMENTS AND CERTIFICATIONS

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

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

POSITION OF RESPONSIBILITY

Tobacco Free India | Club Member | DSU-SOE | Mar 2023
Faculty Development Program | Club Member | DSU | Feb 2023