Kunal Das

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ABOUT ME

Computer Science Engineering Graduate — Python Developer — Web Technologies — AI/ML Resourceful and detail-oriented computer science graduate with expertise in Python development, web technologies, and AI/ML applications. Adept problem-solver proficient in utilizing Python frameworks and libraries to create efficient solutions. Committed to continuous learning and applying innovative technologies to address real-world challenges.

LINKS

Portfolio: https://ln.run/Uzl-s
ServiceNow Profile: https://ln.run/KP2GQ
LinkedIn: www.linkedin.com/in/kunal-das-a75829235
Github: https://github.com/Kunal10411

EDUCATION

B.E in Computer Science and Engineering   2020 - 2024
HKBK College of Engineering, Karnataka, India
- CGPA of **7.46**/10

Higher Secondary Board of Education   2018 - 2020
Narayana Junior College, Telangana, India
- CGPA of **8.4**/10

TECHNICAL SKILLS

Programming Languages - Python, Java, C
Web Development - HTML, CSS, JavaScript
Frameworks - Flask, ReactJS
Databases - MySQL, MongoDB, JSON, XML
APIs and Middleware - REST
Tools - Github
OS - Windows, Linux, Android
AI/ML - NumPy, nltk, tenserflow
Specialization - Web Application, Python Development

PROJECTS

Virtual Reality and AI/ML Powered History Guides for Immersive education and Tourism

- **Description:**Engineered an immersive virtual reality experience using Unity, integrated with a Rasa chatbot, enabling over 100 users to explore historical heritage sites interactively.
- **Technologies**: Python, Rasa, Unity, ReactJS
- **Responsibilities:**Developed chatbot logic with 85% query accuracy, incorporated NLP features, connected Python backend with Unity environment.

Python-Based Chatbot for College Website

- **Description:**Crafted a support chatbot using Python and Flask, handling over 500 user queries per month and providing real-time assistance with a 90% resolution rate.
- **Technologies:** Python, nltk, NumPy, Tensorflow
- **Responsibilities:**Constructed NLP models with 80% query understanding accuracy, formulated contextual chatbot responses.

E-commerce Site using SQL

- **Description:** Built a fully functional e-commerce website with SQL database integration, supporting over 100 products and processing an average of 20 orders per month.
- **Responsibilities:**Implemented features for product catalog, user authentication, and order processing.
- **Technologies:** HTML, CSS, JavaScript, MySQL

My Portfolio

- **Description:** Curated my own portfolio website using HTML, CSS, JavaScript.
- **Responsibilities:** Utilized the data components using Assests and more.
- **Technologies:** HTML, CSS, JavaScript

Typing Test webapp

- **Description:** Designed a typing test web application used by over 200 users, accurately measuring typing speed and accuracy with random sentence generation and detailed result display.
- **Technologies:** Python, Flask, JavaScript, HTML, CSS
- **Responsibilities:** Crafted intuitive frontend using HTML/CSS, implemented typing logic in JavaScript with 95% accuracy, and constructed scalable backend using Python Flask.

API Webapp Usage

- **Description:** Integrated a simple API to display user personality traits based on input names, showcasing the use of external APIs in web applications.
- **Technologies:** Python, Flask, JavaScript, HTML, CSS
- **Responsibilities:** Integrated a third-party API to display user personality traits based on input names, showcasing the use of external APIs in web applications with over 1,000 queries processed.

CERTIFIED COURSES

- **Artificial Intelligence with Python** - Great Learning — 2024
- **Micro-Certification - Welcome to ServiceNow** — 2024
- **Student Development Program: Angular JS and Node JS** - HKBKCE with ISTE — 2023
- **Learn CCNA 200-301 Network Fundamentals Online** - Simplilearn — 2023
- **30 Days of Code - Gold Badge** - HackerRank — 2022
- **Introduction to Python** - Sololearn — 2022
- **SQL** - Sololearn — 2022
- **C Programming for Beginners: Master the C Language** - Udemy — 2021
- **Quiz Competition: Implementation of National Education Policy** — 2020

ACHIEVEMENTS AND AWARDS

- **Core Skills for Competitive Programming**
- **Welcome to ServiceNow - Badge**
- **5 Day's certification program on HTML & PHP on Web Development**
- **Won the** *Generative AI* **award**

CONFERENCES AND WORKSHOPS

- **Bangalore Tech SUMMIT 2023**
- **Student Development Program: Angular JS and Node JS 2023**
- **Software Testing Conference 2022**