Junaid Hasan

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Objective

As a recent graduate with a specialization in Electrical and Computer Engineering, I possess a strong affinity for Python development. I'm enthusiastic about joining a software engineering team where I can contribute to impactful projects, learn from seasoned professionals, and further develop my technical competencies.

Education

- Ontario Tech University (UOIT) **Sep 2021-April 2023**

Master of Engineering - Electrical and Computer Engineering - Specialization in Analytics and Internet of Things
Honours: Attained Student-Athlete academic award with OUA recognition

- SRM Institute of Science and Technology **Aug 2015-April 2019**

Bachelor of Technology- Electronics and Communication Engineering

Technical Skills

Programming Languages: Python, HTML, CSS, JavaScript, C, C++, Java
Web Frameworks: Django, Flask, Bootstrap
Version Control: Git, Object Oriented Programming (OOPs)
Database Management: MySQL, SQL Alchemy, PostgreSQL
Web scraping: Selenium, Beautiful Soup (BS4)
Python Libraries: Turtle, Tkinter, NumPy, Pandas, Datetime, Matplotlib, Seaborn, Requests, PyPI,
OS: Windows, IOS, Linux
Tools: Git, VS Code, Docker, Jenkins
Data Analysis: Excel, Pivot Tables, Formulas and Functions,
Data Visualization: Tableau, Power BI,
Certifications: Linux Essentials (Cisco networking academy), Data analyst Specialization (DataCamp)

Professional Experience

Tech Support Specialist, Alexa and Amazon Digital Devices
Sutherland
[June, 2019]- [Oct 2020] |Chennai, India

- Led Alexa device support initiatives, effectively handling an average of 220+ technical inquiries each week, achieving a notable 98% resolution rate.
- Bridged communication between end-users and the software development team, instrumental in pinpointing and mitigating recurring device concerns, reducing such issues by approximately 27% in half a year.
- Harnessed Python to craft diagnostic tools, enhancing problem-solving speed and elevating the team's operational efficiency by nearly 15%.
- Designed and delivered training programs for incoming personnel, enabling them to become fully operational 40% quicker than conventional training timelines.
- Engaged proactively in the beta testing phase for software enhancements, providing insights that led to an 11% uptick in overall software performance.

Projects

1.French-to-English Flash Card App
GitHub Link

- Developed an interactive app that assists users in learning French vocabulary.
- Utilized Python and integrated a responsive UI to enhance user experience.

2.Snake Game
GitHub Link

- Engineered a Python-based version of Snake game, optimizing for smooth performance and memory efficiency.
- Developed a responsive snake movement algorithm, allowing for fluid direction changes, acceleration patterns, and collision detection to enhance gameplay.
- Integrated a leaderboard system, storing high score in a SQLite database, and employed encryption techniques to ensure data security.

Additional projects, code samples, and detailed documentation are available on my GitHub profile. Please visit https://github.com/junaidhas to explore more.