Sharaschandrika Nimma

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Objective:

An individual with keen interest in software programming, possessing in depth knowledge of multiple programming languages and development tools, who wish to work in team of motivated individuals and contribute to the development of the company while concurrently aiding my personal growth.

Education:

University of North Carolina at Charlotte, *Charlotte, NC.*   Jan 2022 - May 2023
Master of Science, Computer Science   GPA: 4.0/4.0 **Expected grad date-May-2023**

Vignan Institute of Technology and science – *Hyderabad, India*   Jun 2017 – May 2021
Bachelor of Technology, Computer Science. CGPA: 8.4 / 10

Skills:

- **Programming Languages**: Java, Python, C++
- **Web Technologies**: HTML, CSS, Bootstrap, React.js, JavaScript, Node.js, Express.js.
- **Databases**: SQL, MongoDB.
- **Tools**: Git, Eclipse, Visual Studio Code, Android Studio, PyCharm, Atom.

Work Experience:

Graduate Teaching Assistant (Algorithms and Data Structures)   Aug 23- Dec 23

- Assisted Instructor in managing the evaluation of course assignments along with holding office hours with students to answer general questions.
- Responsible for planning and managing the coursework with the professor and delivering lectures and overseeing projects in course.

Academic Projects:

Identification of Fake news using deep learning architecture: This classifies real news and fake news from the input and hybrid neural network architecture is used which combines the capabilities of CNN and LSTM.

Credit Card Fraud Detection: This project uses Python and machine learning techniques to identify fraudulent transactions. The goal of the project is to develop a straightforward logistic regression model that can identify fraud in credit card transactions to reduce risk and financial loss for the company.

Home Surveillance and motion detection with Raspberry Pi, Open CV, Dropbox: Raspberry pi module with a camera attached to it is used to capture pictures of the house and compare it frame by frame with a background image. The program will send an alert to the user via Dropbox if any motion is detected.

Android Application for Password Management: This android app aids users in creating secure passwords for their own protection in the web. Both people and organizations can store and manage all their passwords in one secure location.

Spotify Charts Analysis: This project aims to explore the Spotify dataset to gain insights into music trends and preferences using visualizations. I used variety of visualization techniques, including bar charts, line graphs, and heatmaps. I used Python's matplotlib library to create these visualizations.

Publications And Certifications:

- Published an article on identification of fake news using deep learning architecture. - Published Article
- Complete python developer: Zero to Mastery from Udemy.
- The Complete 2022 web development Bootcamp by Udemy.
- It Essentials, Cisco, March 2019.
- "PYTHON PROGRAMMING" workshop - Ascendant Sun Projects.