DIVYENDU SHEKHAR

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Summary

Computer Science Engineer working in the information technology/Software industry. Skilled in Python, Perl C/C++, C#, Java, javascript/jQuery, RDBMS, HTML, CSS. Strong engineering professional with a Bachelor of Technology in Computer Science and engineering.

Skill Highlights

Professional Skills
- Object Oriented Programming
- Web Development
- Android Development
- Machine Learning/AI
- Networking

Programming Skills
- Python
- C/C++
- C#/JAVA
- JavaScript/JQuery
- HTML/CSS
- SQL/MongoDB

Experience

Project Engineer - 08/2019 to Present
Wipro, India
- Work as a .NET/ASP.NET developer to develop web apps for Wipro India.
- Develop new features while reiterating and testing the features as per the dynamically changing requirements.
- Test the reliability and security of the web application along with the development process.

Education

Bachelor of Technology: **Computer Science and Engineering - 2019**
Sikkim Manipal Institute of Technology, India
- B.Tech in Computer Science and Engineering with a score of 8.159 out of 10 from Sikkim Manipal Institute of Technology.

Projects/Research

Assistive Software for Phonetically Disabled - 01/2019 to 05/2019
A software that converts sign language into audio using digital image processing and speech synthesis.
- Created a capsule network model for recognizing the hand signs.
- Extracted words from the signs using python.
- Converted the extracted words into audio using speech synthesis.

Quantitative Game for Windows Platform - 08/2018 to 12/2018
A video game to test students on their ability to solve quantitative problems.
- Devised an algorithm to adjust a player's rating after each test.
- Worked on the backend of the game.
- Applied Software Engineering principles to maintain an efficient workflow.

Sepsis Level Detector - 06/2018 to 07/2018
A Neuro-Fuzzy model that predicts the level of sepsis (failure of vital organs) in emergency care patients.
- Created a neuro-fuzzy model that predicts the sepsis level of an intensive care patient.
- Worked with practicing doctors to improve the correctness and relevance of data.
- Achieved an accuracy of 84% in predicting the correct output.

Personal Portfolio Website - 03/2019 to 04/2019
A personal website (only frontend) that acts as a portfolio/resume.
- Used HTML, CSS, JQuery, Bootstrap 4.
- Created a responsive and efficient website that also supports mobile phone viewing.
- Used github to host the whole project and can be visited here - divy-sh.github.io.

Activities/Achievements

- **Ranked #1 in Language Proficiency in Python on HackerRank.**
- **Did two months of summer training at Manipal Institute of Technology on Artificial Intelligence and Machine Learning.**
- **Took part in various code golfing competitions (A competition in which the goal is to implement an algorithm in the shortest code length).**

Personal Details

- **Nationality - Indian**
- **Gender - Male**
- **Date of Birth - 30th of April, 1996**
- **Languages - English, Hindi**

Declaration

I hereby declare that all the above mentioned information given by me are true to the best of my knowledge and if any discrepancy is found, I shall be liable for disciplinary action deemed suitable by the competent authority.