Pranay Kumar Verma

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EDUCATION

Syracuse University – College of Engineering and Computer Science, Syracuse, NY   May 2021
Master of Science in Computer Science (GPA – 4.0)
Courses: Intro to Data Science, Structured Programming & Formal Methods, Design & Analysis of Algorithms, Social Media Mining

Amity University – Amity School of Engineering and Technology, Noida, India   June 2015
Bachelor of Technology in Computer Science and Engineering
Courses: Digital Image Processing & Computer Vision, Pattern Recognition, Mobile Application Development, DBMS, OOP

EXPERIENCE

DXC Technology (Formerly Known as CSC) – Noida, India   Sep 2015 – July 2019
Professional 1: Mobile Application Programmer & Application Package Management Lead   Feb 2018 – July 2019
- Conceptualized and developed offline framework for Hybrid Mobile Application developed using AngularJS & Cordova.
- Improved data fetch performance by 30% by optimizing SQL procedures, restful webservices and the front-end code.
- Served as Onsite Coordinator, solved high priority customer problems, part of gate meetings and Hotline support.
- Accountable for product quality before delivery, ensure deliverables are on time, QC Reports, defect trend analysis.
- Led Build and Deployment team: proactively involved in creating Build Plans & Merge Strategies with 3 team members.

Associate Professional: Application Programmer & Application Package Management   Sep 2015 – Jan 2018
- Developed various new modules for Hybrid Mobile Application made using AngularJS & Cordova.
- Administered maintenance of MVC and .NET based web application and dealt with QC defects and customer issues.
- Automated part of the build process using PowerShell scripting and Jenkins to save on manual repetitive work and time.

Software Development Intern, SRF Limited – Gurgaon, India   May 2014 – June 2014
- Developed a Robust Reporting Module for SRF McAfee Antivirus Database making on demand reporting possible, using SQL Server & .Net, which allowed for report extraction with a variety of filters allowing to get reports on demand.

Application Development Intern, Reinste Nano Ventures Pvt. Ltd – Noida, India   May 2013
- Developed a dispatch module with shipment tracking using C# and .Net in Visual Studio.

CERTIFICATIONS /AWARDS

- Machine Learning – Stanford University Online offered by Coursera [View Certificate]   July 2019
  Topics: Various machine learning techniques and best practices, data mining, and statistical pattern recognition.
- Neural Networks and Deep Learning – DeepLearning.ai offered by Coursera [View Certificate]   August 2019
  Topics: How to build, train & apply connected deep neural networks, key parameters in a neural network's architecture.
- Awarded performer of the year for continued innovations and stand out performance in the team.   Jan 2019
- Received Appreciation in Vitae GO team in terms of Bug fixes, innovations and development practices.   Oct 2018

ACADEMIC PROJECTS

YouTube Sentiment Analysis and Predicting Trends
- Applied various Sentiment Analysis Techniques on comments of top 200 videos of a YouTube channel specified by user. Leveraged Machine Learning and Neural Networks Algorithms to predict comment sentiments on upcoming days after a time series dataset was created. Achieved accuracy of 96% predicting upcoming comment sentiment using the earlier analysis.

Predicting Financial Markets using Machine Learning
- Used different types of regression and LSTM to learn trends & predict future stock prices. Developed in a way that the stock could be selected by the user at runtime. Evaluated the methods and the best yielded confidence of 95%.

Airline Delay Prediction using Machine Learning
- Used various machine learning models to accurately predict flight delays with the minimum number of attributes. Compared the performance of the models in an attempt to come up with an algorithm that would provide up to 89% accuracy.

Order Management and Report Creation Web Application
- Developed a full stack web app using Angular JS, WCF Restful Services & SQL which provided a comprehensive dashboard for managing, adding and tracking orders. Automated the creation of customizable reports for order and shipping summary.

Vehicle Performance Analysis Application
- Developed an android application allowing users to connect to cars using OBD-II & ELM 327 Protocol: it provided the ability to see what the vehicle is doing in real time and about 50 readings could be obtained subject to number of sensors.

ADDITIONAL EXPERIENCE

Volunteer, Bliss Foundation – Delhi, India   Aug 2016 – Aug 2019
- Assisted in content creation and development and an active participant in cancer awareness drives and support groups.

TECHNICAL SKILLS

Programming Languages: JavaScript, Angular JS, jQuery Mobile, Cordova, WCF Restful, .Net, MVC, C#, Node.js, Python,
Databases: SQL Server, SQL Lite
Operating Systems: Windows XP and above, Mac OS, Android, iOS