Akarsh Gupta

Looking for opportunity as Machine Learning/AI Engineer ------- Previous Experience Full Stack Web Developer

Contact

Address
Lakhimpur Kheri, Uttar Pradesh, 262701

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LinkedIn
www.linkedin.com/in/akarsh-gupta-38694578

Github
www.github.com/akarsh32

Skills

Research, Data cleansing, exploratory data analysis, visualizing, reports and forecasts

Machine Learning Algorithms, Deep Learning Models, Attention Based Models, OpenCV and Natural Language Processing

Python, Numpy, Pandas, Sklearn, Tensorflow2, Keras, Matplotlib, Seaborn

PowerBI, Tableau, Flask Framework, Docker, Heroku, GCP, AWS

Creativity, Critical Thinking, Problem Solving, Teamwork

Professional Summary

- Relevant knowledge of machine learning and data learning concepts with an understanding of supervised and unsupervised learning techniques(such as k-NN, SVM, RVM, Naïve Bayes, Logistic, Regression, Decision Tree, Ensemble Techniques, PCA, Clustering, etc.), ANN, CNNs, RNNs, Time series analysis with ML using Arima And Sarima models and LSTMs. Learning Computer Vision and NLP using Transfer Learning with state-of-the-art architectures like VGG16, Gpt2, Resnet50, Bert, Albert etc. and generating training data, model design, feature selection, system implementation, and evaluation.
- Experienced Full Stack Developer with a demonstrated history of working in the computer software industry. Skilled in Mean Stack, LAMP Stack, AWS, MongoDb and MySql. Hands on experience C#, Git and Windows Web and desktop application development.
- Cohesive team worker, having strong analytical and problem solving skills. Logical and results-driven Web Developer dedicated to building and optimizing user-focused websites for customers with various business objectives. Judicious and creative when crafting effective websites, apps and platforms to propel competitive advantage and revenue growth. Technically proficient and analytical problem solver with calm and focused demeanor.

Projects

Spam Classifier

https://github.com/akarsh32/MachineLearningProjects/blob/main/SPAM%20IDENTIFIER.ipynb
Using Natural Language Processing (NLP) Techniques to Classify a mail as "SPAM" or "NOT SPAM". Library used here is "CountVectorizer" for preparing "BAG OF WORDS" and "MultinomialNB" for classifying the emails as "spam" or "not "spam"

Time Series Analysis-Antarctica Mass

https://github.com/akarsh32/MachineLearningProjects/blob/main/TimeSeriesAnalysis__AntarcticaMass.ipynb
Using Machine Learning ARIMA, SARIMA Models to forecast future data, hypothesis testing for stationarity using Adfuller and SPSS, First differencing, seasonal differencing, squared tranformation and rolling average toremove trend and seasonality are used. And finally to find order and seasonal order values for the models Autocorrelation and Partial Autocorrelation plots are used .

Recognizing Human Activity Using Smartphone

https://github.com/akarsh32/MachineLearningProjects/blob/main/human%20activity%20recognition%20using%20smartphone.ipynb
Classification models used are NN using MLP, Logistic regression, Random forest classifier, KNN, Decision Tree. Grid search cv used for hyperparameter tuning and finding the best model. PCA technique used for dimesionality reduction.

Education

2008-08 - 2013-08	**Bachelor of Technology : Computer Science** *Vishwakarma Institute Of Technology - Pune* Graduated with 51.3% / 5.7 GPA
2007-01 - 2008-01	**12th: PCM** *St. Don Bosco College - Lakhimpur Kheri* CBSE Board, 71.4 % in 2008.
2005-01 - 2006-01	**10th: All Subjects** *St. Don Bosco College CBSE - Lakhimpur Kheri* CBSE Board, 78.4 % in 2006.

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Skills

MySQL, Sql Server 2008 R2, MongoDb

MEAN Stack, LAMP Stack, C#, .Net Web and Windows Applications

OS experience with Unix/Linux, Windows

Aws Services Ec2, Elb, S3, SNS, SQS, Lambda, ApiGateway, Route53, IAM Users, Security Groups

Creativity, Critical Thinking, Problem Solving, Teamwork

Work History

2019-05 - 2020-06

Sr. Full Stack Developer

Mads Technology, Noida, Uttar Pradesh

- Barrel13.com an Amazon Products Analytics Tools and Google Chrome Extension (MEAN, Hapi, AWS Lambda, EC2, S3, SQS, Load Balancer and Elastic Search Services).
- Taxbuddy (zend2, Mysql, mongodb, AWS EC2 Service)

2018-01 - 2019-01

Sr. Software Developer

Web Planet Inc, Noida, Uttar Pradesh

- Map.data.dk (Javascript and CI) Collecting map data for specific locations on map on openstreetmap and leaflet and creating script for map to be used anywhere.
- Created wallet application using CI and web3.js for Ethereum wallet that creates wallet address, transactions from different coins and tokens. Node.js used as backend server. Express used as router. Web3.js library to interact with Ethereum, contains essential functions for creating, pulling and removing data related to transactions, wallet addresses, smart contracts. Angular (MVC) for the interface. Web3.js will need a Blockchain Storage address for that Generic JSON-RPC connection and EtherScan.io API. Generic JSON-RPC connection is created locally which provides 10 accounts for testing purpose using ganache-cli/ethereum-testrpc package provided by ethereum in npm (node package manager). EtherScan.io API, we created test account on etherscan.io for the same purpose as Rpc connection providing Blockchain Storage data.

2015-08 - 2017-12

Sr. Software Developer

Clagtech Pvt. Ltd, Lucknow, Uttar Pradesh

- Fwlli.com (Prestashop as E-cart and Wordpress for managing all the details for the products sales and reporting and role based Crm capabilities using Dolibarr Crm and wordpress custom created salesrep.
- Californiaskiers.com (wordpress)
- Holisticfamilysolutions.com (wordpress)
- Ptsteam.com (opencart)
- Dentlet.com (magento)
- Mmcomics.com (Opencart)

2014-03 - 2015-03

Jr. Software Developer

Infoseek Pvt. Ltd, Lucknow, Uttar Pradesh

- Desktop Application Windows for custom conversion of Word Doc to Excelsheets and Pdf formats.
- Impressiontv.com (Wordpress, developed plugin for Extended Media Library Management capabilities with folder and file tree view role based).
- Worked on Xamarin app for integrating Magento services and fetch data into views of cross platform app using shared project in C#.
- Erp for pharmaceutical companies in C# asp.net.
- Portal.auroramultimedia.com (Laravel) integrated with auroramultimedia.com (Wordpress)

Education

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2007-01 - 2008-01

12th: PCM

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10th: All Subjects

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