Aakash Puthussery

(He/Him)

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**Professional Profile**

Committed AI/ML Enthusiast well-versed in Python, with a keen interest in neural networks, deep learning, and NLP. Eager to apply acquired knowledge to real-world projects, driven by AI/ML's potential in creative problem-solving and process enhancement. Dedicated to continuous learning and innovative approaches.



**Skills**

* Python
* Statistics and probability
* Data wrangling and atabase management : My SQL, MS Excel
* Browser Stack
* Interpersonal skills
* Adaptability
* Teamwork and Communication
* Software Testing (Manual and Automation Testing)
* Basics of Web Development
* MSSQL, Server
* Problem Solving
* Pyspark, CI/CD, Hadoop
* NLP
* Machine learning and Deep learning
* Data visualization: Tableau, Power BI



**Professional Experience**

Intern – Luminar Technolab 2022 September – March

* An internship in machine learning (ML) is an opportunity for students or aspiring professionals to gain practical experience in the field of artificial intelligence (AI).
* The internship program typically involves working under the guidance of experienced ML engineers or data scientists, contributing to ongoing projects, or developing new solutions.
* During the internship, participants may be involved in a range of activities, including data preprocessing and cleaning, model development and training, model evaluation and optimization, and deploying ML models to production environments.

Software Test Engineer – Claysys Technologies2022 December – 2023 September

* We work closely with design and development teams to ensure that products meet quality, safety, and regulatory standards, as well as user requirements and expectations.
* The job of a product test engineer involves creating test plans, designing test cases, and executing various types of tests, such as functional, performance, usability, and reliability tests.
* They use a range of tools and techniques to analyze product performance, identify issues and defects, and report them to the development team for resolution.
* In addition to testing, product test engineers also collaborate with cross-functional teams to troubleshoot and diagnose product issues, propose solutions, and verify fixes.
* They may also participate in the development of new testing tools and methodologies to improve product quality and efficiency.



**Projects in Python and AI/ML**

* TURFF BOOKIN

"Turf Bookin" is on a mission to remove barriers to getting people active. Whether that's finding facilities, booking activities, or connecting people in their local area, we want to simplify it all. Software is developed using Python. Front end as HTML and MySQL as the back end in Windows XP, 7/8, and 10.

* SOFTWARE DEVELOPER SALARY PREDICTION WEB APP

Developed and deployed a highly accurate machine learning model using Scikit-learn to predict software developer salaries based on experience level, country, and other relevant factors.

* BIG DATA ANALYSIS OF POLICE DATA FOR TRAFFIC STOPS

We analyzed a large-scale police data set containing over 60,000 records to gain insights into traffic stops and related factors.

* BIKE PURCHASING DATA ANALYSIS AND VISUALIZATION USING EXCEL

Utilized Excel to analyze customer behavior and sales of bikes, a data set with more than 60000 columns. I cleaned up 100% of the unnecessary columns in the dataset and created additional columns to facilitate pivot table creation.

* ANALYZING RUBBER PRICE TRENDS OF ONE-YEAR OVERVIEW

I collected one year of price data for rubber from the Rubber Board of India using a Telegram bot and web scraping techniques.



**Educations**

APJ Abdul Kalam Technological University - MCA 2023-Present

* Master's in Computer Application
* College of Engineering, Vadakara
* Relevant coursework: Data Structures, Operating Systems and Operations Research, Computer Organization and Architecture, Computer Networks, Software Engineering, Database Management Systems, Design and Analysis of Algorithms, Big Data Technologies, Machine Learning, Advanced Java Programming Business, Intelligence and its Applications, Computational Science

Kannur University - BCA 2019-2022

* Bachelor's in Computer Application
* Sree Narayana Guru College of Advanced Studies, Thottada
* Relevant coursework: software engineering, Data Mining, Data analysis, Networking, Web Development, Mathematics, Statistics, and software testing.

**Certification**

National Council for Technology and Training(NACTET) - This certification consists of a series of courses covering data science fundamentals, tools like Python and Jupyter, data visualization, machine learning, and more.



**Declaration**

I, the undersigned, certify that, to the best of my knowledge and belief, the resume correctly describes my qualifications and myself

Place: Kannur Aakash Puthussery

Date: