CHAITANYA KULKARNI

AI CONSULTANT | DATA SCIENTIST | ML ENGINEER | DATA ARCHITECT

CONTACT

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DATA SKILLS

Data Visualisation: Tableau | PowerBI | Matplotlib

Data Warehousing: Snowflake

Data Management: MySQL | MongoDB

ARTIFITIAL INTELLIGENCE

Deep Learning and Neural Networks: ANN | CNN | RNN

Supervised, Unsupervised and reinforcement learning

Machine learning algorithms and implementation

ML frameworks: scikit-learn | Tensorflow | PyTorch

Image processing: OpenCV | YOLO

Programming language: Python | R

NLP SKILLS

Text Processing: NLTK | spaCy

Text Classification: Naive Bayes | SVM | CNN

Text Generation: LLM (GPT) | BERT

CLOUD SKILLS

Model deployment frameworks: Flask

Model deployment cloud: Azure | AWS | Heroku

Chatbots: Azure LUIS | Kore.ai | GCP

RPA SKILLS

Robotic Process Automation: UiPath | Blue Prism | AA

Intelligent Process Automation

Python and RPA integration for cognitive solutions

Integrated RPA with Salesforce, ServiceNow etc.

ACHIVEMENTS

Awarded as UiPath AI Champion 2023

Winner of code gladiator hackathon

Winner of Laiye AI hackathon

Awarded as UiPath Most Valuable Professional

CERTIFICATIONS

UiPath Advance Developer Certified

Blue Prism Certified

Automation Anywhere Advanced Certified

Salesforce Ranger

German Language Certified

EDUCATION

MSc in Data Science

University of Sussex   2022 - 2023

Bachelor of Engineering

Pune University, India   2014-2017

LANGUAGES

English

German

PROFILE

I am a highly experienced data scientist with a strong command of the entire **data science project lifecycle**. I excel in **data visualisation**, utilising tools like Tableau and Matplotlib to convey complex information effectively. I have **expertise in NLP**, employing algorithms such as NLTK and spaCy for text analysis. Experienced in image processing, developing models for **image recognition and object detection** using TensorFlow and PyTorch. With exceptional problem-solving skills and a collaborative mindset, I am dedicated to delivering **intelligent process automation solutions**.

WORK EXPERIENCE

J.P.Morgan Chase & Co.

Senior Software Engineer   Jan 2022 - April 2022

- Developed an AI-powered fraud detection system that reduced false positives by 30% and improved fraud detection accuracy by 25%. This resulted in an estimated annual savings of $5 million by preventing fraudulent transactions.
- Developed a customer segmentation model using clustering algorithms, enabling personalized marketing campaigns. The model increased customer conversion rates by 20% and drove a 10% increase in customer lifetime value.
- Implemented an AI solution for automating document processing, reducing manual effort by 70% and improving processing speed by 50%. This led to increased operational efficiency and saved hundreds of work hours per month.
- Managed a team of 4 developers to build a NLP-based chatbot for customer support, reducing customer service response times by 50%. The chatbot handled 80% of customer inquiries, resulting in significant cost savings and improved customer satisfaction.

T-Systems (Deutsche Telecom)

Consultant   2020-2022

- Reduced customer churn by 15% for a telecommunications client, resulting in approximately $2 million in annual savings.
- Forecasted demand: Optimised inventory levels, reduced stock outs by 20%, and improved revenue by $3 million for a retail client through accurate product demand forecasting.
- Implemented Chatbot: Leaded a team of developers and reduced customer service workload by 80%, increased customer satisfaction by 15%, and achieved a 40% improvement in response times, resulting in an estimated annual cost savings of $500,000.
- Conducted thorough analysis of clients' existing business processes, identifying areas where AI techniques could be leveraged to improve efficiency, accuracy, and decision-making.

Simplifai.AI

RPA Developer   2018-2020

- Implemented an intelligent automation solution that reduced invoice processing time by 70% for a manufacturing client. This resulted in a cost savings of $150,000 annually and improved invoice accuracy by 95%.
- Developed a virtual assistant solution that handled 80% of customer inquiries for an e-commerce client. The solution reduced response times by 50%, improved customer satisfaction by 20%, and saved the client $250,000 in customer service costs annually.
- Developed an intelligent contract analysis solution that reduced contract review time by 80% for a legal firm.

Emtec Technologies

Associate Software Engineer   2017-2018

- Leveraged the power of UiPath to design, develop, and deploy end-to-end automation solutions for a wide range of business processes, streamlining operations and improving efficiency.
- Worked with RESTful APIs, utilizing tools like Postman or SOAP UI to automate API testing and data exchange between systems.