

Kevin John

Senior AI Engineer/Full-Stack Developer

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PROFILE

For the past 11 years, I've leveraged my skills to design and build Machine Learning and Natural Language Processing (NLP) applications that solve complex problems. With my proven expertise in algorithm development, model training, and integration with existing software, I've consistently improved business processes and driven innovation.

I have +6 years of extensive experience working in Javascript/Typescript frameworks such as Express, React, Vue and Angular, 3 years of extensive development experience in Blockchain, EVM based smart contract development using Solidity and Vyper, and Web3 integration

Also I have experience as a core member of a software development team with significant contributions and software design experience with architectures that have scaled from the simple to the complex

LANGUAGES

English



EDUCATION

Bachelor's of Computer Science

Heidelberg University

04/2008 – 05/2012

Heidelberg, Germany

SKILLS

Programming Language

JavaScript TypeScript Python PHP C++ Java R
Solidity

Frameworks Libraries Models

Flask, Fast API, Tensorflow, Keras ,Object Detection ,
Stable diffusion, Pytorch, jQuery,
ExpressJs, Angular, React, Vue.js, Laravel, Django,
Next.js, Nuxt.js ,Nest.js ,OpenCV, Selenium, Kotlin

Database System

MongoDB MySQL PostgreSQL DynamoDB
BigQuery Pinecone

Cloud provider

AWS

PROFESSIONAL EXPERIENCE

Senior Machine Learning Engineer/Team Leader

KOKOEN GMBH

09/2020 – 08/2023

Saarbrücken,
Germany

- Led a team of 5 junior machine learning engineers building a model which could detect 70 different classes in satellite images (xview1 dataset).
- Designed the Machine Learning model to predict the stock price for recommendation system by using LSTM model.
- Developed and trained an unsupervised model which takes free text as input applies the LDA algorithm to it and returns the topics contained in that text.
- Communicated with 4 data scientists in project planning, development and execution.

Computer Vision Engineer/Website Builder

QIMIA GMBH

07/2018 – 08/2020

Köln, Germany

- Developed self-driving car software for integrating multiple sensors and three types of cameras and deployed on car and self-driving robot
- Good knowledge of 2D computer vision and image processing (OpenCV, Dynamic thresholding).

- Build a marketing, e-commerce, and ERP website to improve and enhancement the company online market business.
- Involved in the development and programming of a modern website, utilizing React, HTML, Bootstrap, CSS , and JavaScript.
- Manage and Maintain the website on a client requirement basis.

NLP Engineer/Full Stack Developer

ALAND CLOUD GMBH

09/2015 – 06/2018
Berlin, Germany

- Developed the Online Shopping Store where customers can purchase items from a variety of categories.
- Designed and completed analysis systems to extract information from large scale data.
- Have done An end-to-end LSTM-based Ping Pong Ball Rotation trajectory prediction model.
- Strong passion on state of the art models such as Gan, VAEs, Transformer(GPT3) and had great success in image generating and captioning field.

Full-Stack Web Dev

CUBEWARE

09/2012 – 08/2015
Munchen, Germany

- Research, UI / UI design and implement technical specifications for the product based on client requirement.
- Ensure projects are built to meet performance, security, SEO, and functional client requirement.
- Assist with testing, debugging, documentation, and overall quality assurance of projects. Involved in the requirement analysis , design, development, review, deployment as well as in the testing of the project.
- After service for individual client and upgrade website based on client desired feature and revamp the website on a quart basis