06.06.2023

Certificate of Employment Nader Bennour

This is to certify that Mr. Nader Bennour has been employed with Blockbrain GmbH from 17.10.2022 to 30.06.2023. During his tenure, Mr. Bennour displayed exceptional dedication, professionalism, and a strong aptitude for technological innovation.

Throughout his time at Blockbrain GmbH, Mr. Bennour successfully completed his Bachelor thesis, contributing valuable research and expertise to our organization. His thesis focused on the development of an AI system capable of detecting malicious smart contracts within the NFT market. This research was of significant importance as it addressed the critical need to prevent fraudulent activities, such as rug-pulls, thereby safeguarding the interests of our clients and the wider community.

Under the guidance of our expert team, Mr. Bennour demonstrated exceptional skills in data collection, data cleaning, and data analysis techniques. He exhibited an impressive grasp of machine learning methodologies, which he skillfully applied to the development of our framework. His efforts played a pivotal role in the successful creation of an advanced AI system that can effectively identify malicious smart contracts, ultimately bolstering the security and trustworthiness of the NFT market.

In addition to his Bachelor thesis, Mr. Bennour also contributed as a working student, working with commendable versatility on several essential projects. He played a key role in developing the Twitter Analysis Tool, a web application constructed using FastAPI and Jinja2, tailored for authenticating Twitter accounts. His technological expertise was of great help in a Solidity Analysis Tool project where he utilized Go, Gin, and Swaggo to develop a server tool capable of scanning Ethereum contracts for potential vulnerabilities.

Moreover, his dedication and commitment were clearly evident in the development of a prototype for a ChatGPT-like interface, known as the Blockbrain AI Assistant project. His innovative work included the integration of PDFs as an additional data input, significantly enhancing the system's capabilities. The project, which utilized technologies such as Python, Flask, Firebase, Docker, and OpenAI's GPT-4 API, highlighted Mr. Bennour's ability to produce high-quality work across various

technologies. His invaluable contributions significantly accelerated the project's progress and broadened its potential applications.

Throughout his employment with Blockbrain GmbH, Mr. Bennour consistently exhibited a positive attitude, effective communication skills, and strong teamwork capabilities. He embraced challenges with enthusiasm and showed remarkable problem-solving abilities. His open-mindedness and eagerness to learn allowed him to adapt quickly to new technologies and work seamlessly within our interdisciplinary team.

Mr. Bennour's exemplary performance, attention to detail, and ability to meet deadlines consistently impressed us. His commitment to delivering high-quality work was evident in all his assignments and projects. Moreover, he consistently demonstrated a strong work ethic, taking initiative, and going above and beyond expectations.

During his time at Blockbrain GmbH, Mr. Bennour proved to be a valuable asset to our organization. His skills, dedication, and ability to produce good results make him deserving of our highest recommendation. We believe that Mr. Bennour will continue to excel in his future endeavors and make significant contributions to any team or organization he becomes a part of.

We would like to express our sincere appreciation for Mr. Bennour's valuable contributions to Blockbrain GmbH and wish him the very best in all his future endeavors.

Sincerely,

Antonius Gress
CTO and Managing Director
Blockbrain GmbH

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