



# NADER BENNOUR

FULL-STACK DEVELOPER

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## LANGUAGE SKILLS

- German: C1
- English: C1
- Spanish: A2
- French & Arabic: Mother tongue

## PROGRAMMING SKILLS

- Golang (Advanced)
- Python (Expert)
- Solidity (Intermediate)
- Java (Advanced)
- C (Advanced)
- C++ (Intermediate)
- C# (Intermediate)
- Assembler (Advanced)
- ReactJS (Intermediate)
- HTML/CSS (Expert)

## WORK EXPERIENCE

### Software Developer, Digital Product Passport Initiative

**Deloitte, Remote**

May 2024 to Present

- Developing Digital Product Passport POC with blockchain for enhanced data security.
- Implementing decentralized storage for transparent, tamper-proof records.
- Boosting compliance and sustainability in data management.

### Co-Founder & CTO

**AI-RE, Remote**

February 2024 to Present

- Co-developed an AI-driven platform to streamline data management and document handling for real estate developers.
- Integrated cutting-edge AI technologies to enhance project management and operational efficiencies.

### Working Student, Data Analytics, and Software Development

**Growthpie.xyz, Remote**

July 2023 to Present

- Worked with databases and AWS S2 services to manage & process large datasets efficiently.
- Implemented data preparation and manipulation algorithms to cleanse, validate, and enhance datasets for accurate analysis and seamless integration into the database.

### Intern, Data Analytics, AI, and Software Development

**Blockbrain GmbH, Remote**

October 2022 to June 2023

- Built a Golang-based smart contract auditor with full-stack capabilities
- Developed a Python Twitter bot to detect fake followers using API
- Designed an ML-driven system for early malicious smart contract detection
- Created a blockchain scraper utilizing archive nodes and PostgreSQL

### Freelancer, Trading Bots Developer

**TTP BOTS LTD, Remote**

March 2021 to present

- Created advanced crypto trading bots for automated strategies
- Performed thorough cryptocurrency market analysis
- Coached on technical analysis and trading best practices
- Engaged with and managed social community

## TECHNICAL SKILLS

- Cloud: AWS, Heroku, Firebase
- Web Development: WordPress, Wix, Flask, Streamlit, FastAPI
- Project Management: Jira, Confluence
- Database Management: PostgreSQL, Redis, MongoDB
- Data Orchestration: Apache Airflow
- Monitoring and Orchestration: Prometheus, Docker
- CRM: Hubspot
- CMS: Typo3
- IDEs: Eclipse, IntelliJ, VSCode
- Virtualization: VMware, VirtualBox
- Version Control: Git
- SEO: Sistrix
- Operating Systems: Linux, Microsoft Office, macOS, Ubuntu

## VOLUNTEER & ACTIVITIES

- Community Service: SOS Gammarth, Tunisia
- Leadership: Head of Members Communication, Tunisian Academic Society e.V.
- Event Management: AIESEC München Event Manager
- Technology: TUM Blockchain Core Team Member
- Sports: Member, Munich Road Runner Club
- Debating: Member, Debate Club at Amideast
- Academics: Member, Competitive College Club at Amideast

### Working Student, Software Developer

#### **LexCom Informationssysteme GmbH, Munich**

October 2021 to September 2022

- Crafted Java/AWT web apps and backend components for automotive clients
- Concentrated on after-sales software development in the sector
- Teamed up with cross-functional groups for bespoke software solutions

### Working Student, Website Manager

#### **NFON AG, Munich**

October 2020 to October 2021

- Maintained content for the company website and partner portal
- Optimized website for search engine performance through effective SEO strategies

## EDUCATION

### Project Analyst, Circular Republic Tech Challenge

#### **UnternehmerTUM GmbH, Munich**

April 2024 to present

- Analyzing and developing AI-driven automation solutions for product identification to enhance scalability and sustainability in textile re-commerce.

### C++ Programming Course

#### **Mines Paris – PSL**

March 2024

- Participated in the ATHENS Programme's C++ Programming course (MP01).

### B.Sc. in Computer Science

#### **Technical University of Munich**

October 2018 to (estimated August 2024)

- Application Specialization in Electrical Engineering and Information Technology
- Bachelor Thesis: Early Identification of Security Issues in Decentralized Finance

### B.Sc. in Electrical Engineering & Information Technology

#### **Technical University of Munich**

October 2017 to September 2018

- (Not completed, transitioned to Computer Science)

### German Language Course

#### **DID Sprachschule, Munich**

October 2016 to June 2017

- Certificate/Exam: German Language DSH-2 (C1 level)

## PRIVATE INTERESTS

- Cooking, preferably Italian
- Photography (Landscape/Portrait)
- Jogging, annual participation in marathons

## CERTIFICATIONS



### Introduction to Git by Google

- Learn how to keep track of the different versions of your code and configuration files using Git.



### Smart Contracts by University at Buffalo

- Design, code, deploy, and execute a smart contract – the computational element of blockchain technology.



### Blockchain Basics by University at Buffalo

- Recognize foundational concepts of blockchain, and apply these program concepts on the blockchain.



München, 26.05.24

Nader Bennour

A handwritten signature in blue ink, appearing to be 'NB' with a flourish underneath.