JOHN BELL

Professional Python Full Stack Engineer

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SUMMARY

Full Stack developer with 8+ years of rich experience in finance and fintech and 4+ years rich experience in Data Science and Artificial Intelligence. Well-acquainted with database engineering, data warehouses, and data processing. High skilled in Python Web Application Programming, AI technology. Knowledgeable in Python frameworks related to data such as SciPy, NumPy, Matplotlib. My previous python projects contain Web Scrapping, AI, ML, DL, NN, Prediction, Decision-Making, Image/Audio & Video Processing, Effective Algorithm Design & Analysis, Full Stack Web & Mobile Application with JS/Python/Java Frameworks(Spring Boot, React, Vue.JS, Angular, Django, Flask), Smart Contract, Blockchain, DApp, SQL/NoSQL, Real-Time Processing, Multi threading, Automation Processing, Bot, Trading, Electronic Automation with Micropython. Almost remote work.

EXPERIENCE

Professional Full Stack AI Engineer

Chainlink Lab   📅 2018 - 2022   📍 George Town, Cayman Islands

Chainlink Labs is an internet company on a mission to reinvent what makes a trustworthy agreement by developing smart contracts.

- Made over 800 insertions and 150 deletions to 4 central Firmware repositories in less than 3 months
- Worked on the improvement of data protection and security, increasing security rate by 24 % while creating new user information solutions.
- Participated in more than 4 projects per year from initial research and conceptual design through testing and implementation phases
- Developed data quality portal using Python scripting, increasing data quality by 30%
- Communicated and coordinated with the project manager and coworkers to resolve 30+ build breaks a month
- Mentored 10 Junior Python developers, training them to work independently and acquire all adequate skills
- Enthusiastic artificial intelligence engineer seeking to deliver state-of-the-art AI solutions at Company X.
- Experience includes using algorithms and data mining for my own personal projects while at College X.
- Relevant skills include Machine Learning, Data Structures, and Debugging.
- Experienced artificial intelligence engineer with a strong background in developing award-winning machine learning solutions for a diverse clientele. 10+ years of i
- Industry experience includes developing a customer segmentation algorithm for 32% increase in company revenue.
- Strong skills include Predictive Modelling, Data Mining, and Quantitative Analysis.

EDUCATION

M.S. Software Engineering

University of California, San Fransisco

📅 2004 - 2008

LANGUAGES

English   Native

INDUSTRY EXPERTISE

Team leadership

Management

Colleboration

STRENGTHS

🕐 **Time management**
Prioritizes essential tasks so they are not rushed. Sets deadlines that ensure reaching milestones on time.

⭐ **Adaptability**
I remember that change is not personal and is inevitable. I break my projects into multiple parts so that if something goes wrong, I can quickly fix it.

☺ **Accountability**
I take ownership of my mistakes. By doing that I learn what I did wrong so that it does not happen again.

EXPERIENCE

Senior Full Stack Blockchain Developer

Automattic Inc 📅 2015 - 2018 📍 San Francisco, United State

Automattic Inc is a web-development company that considers remote work an essential aspect of its business model.

- Collaborated with Web Application Engineers, used Python scripts to load the data into AWS Cloud Cassandra database
- Visualised over 40 datasets with Matplotlib
- Developed web application back end components while communicating with 30+ clients to identify their needs/goals and work on meeting them.
- Knowledge on Blockchain technology, Ethereum Blockchain, various consensus protocols (Proof-ofWork & Proof-of-Stake) and cryptocurrencies, DApps, Solidity, Web3.js, Truíe, Ethereum, Mist, Metamask, Remix IDE,Cryptocurrencies
- Experience in building DApps and interact with Ethereum Blockchain by using Web3 JS API and metamask
- Maintained large databases and configured services to reduce software maintenance expenses, decreasing the costs by 15% within just one year.
  Involved in processing the streaming data as well as batch data using Apache Spark
- Delivering projects with 1-2 days turn around time or even within hours

Python Full Stack Developer

InVision 📅 2012 - 2015 📍 New York, United State

InVision is a company that has developed a design collaboration platform used by product managers, designers, marketers and others.

- Developed internal tools for text mining (sentimental analysis), and web crawler for collecting data by Python and SQL/NoSQL
- Used AWS Elastic Beanstalk service for deploying and scaling web applications and services developed with JavaScript, Java, Python
- Designed robust, scalable, secure, and globalized web-based applications to ensure the continuity of all business processes and client satisfaction
- Developed shell scripting and Python programs to automate the data flow on day-to-day tasks
- Analyzed the SQL/NoSQL scripts and designed the solution to Developed a custom ETL pipeline by using Python

SKILLS

Programming

Python Django Flask Kivy

RaspberryPi Machine Learning

Artificial intelligencer Research

Web Scrapping OpenCV Bot

SQL/NoSQL Threading

MicroPython Tradingview

Quantconnect DApp Blockchain

Smart Contract HTML5/CSS3

JavaScript jQuery

JS Frontend Frameworks

Java/Spring Boot Go

Databases & Servers

AWS Pythonanywhere Heroku

Django ORM MySQL PostgreSQL

SQLite MongoDB ETL

Cassandra Hadoop Spark

Development

GIT Anaconda PyCharm

Docker Cloud

Jupyter/JupyterLab