Mark Elbaz

Software Engineer | Full Stack | Algo Trading | Bot Development

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https://t.me/AlgoTradingWizard	https://github.com/DevNoctis1001	https://MarkElbaz-portfolio.netlify.app/

WORK EXPERIENCE

Senior Software Engineer
EndoTech, Israel

April 2019 – November 2023

- Participated in the ***algo trading education training course*** to learn modern practices and to learn new coding languages.
- Managed the development and maintenance of 13 client-side applications using ***React, Next.js.***
- Managed the development of over 200 trading bots and custom indicators on various platforms including ***MT4|5, TradingView, NinjaTrader***, etc.
- Created a ***mobile responsive user experience with CSS flexbox*** that allowed cross-platform accessibility to the website on any device primary use on mobile.
- Worked as ***a PM building the MetaTrader Copy Trading platform*** with 4 developers.
- Architected and maintained robust API endpoints with Express.js that handled over ***521,200+ request every day with 98.29 uptime***.

Machine Learning Engineer
Albert AI, United Kingdom

February 2016 – January 2019

- Collaborated with a startup to build a chatbot using ***NLP techniques***, which reduced customer support response times by 50% and improved overall user experience.
- Led the development of a ***real-time fraud detection model***, resulting in a 40% reduction in fraudulent transactions and saving the company $1 million annually.
- Integrated third-party APIs such as ***payment gateways and social media platforms*** to enhance website functionality and user engagement.
- Created a customer ***attrition random forest model***, improving monthly retention by 6 basis points for customers likely to attrit by servicing relevant product features for them.

Software Engineer (Web Developer)
Fayrix, Israel

March 2009 – December 2015

- Spearheaded the adoption of new technologies such as ***React.js*** for front-end development, resulting in improved performance and scalability of web applications.
- Actively participated in tech conferences and workshops to stay abreast of industry trends and emerging technologies in web development.
- Implemented ***responsive design*** to improve the user experience on a website project, resulting in a 15% increase in mobile conversions.
- Created and managed **PostgreSQL** databases to securely store and manage customer data efficiently.

Software Developer   BitBand, United States

April 2000 – February 2009

- Played a pivotal role in enhancing software architecture, ensuring scalability and efficiency to meet the growing demands of the market.
- Innovated the company by creating a new solution for ***transmitting large-scale video content***, leading to a 3% increase in the company's capital.
- During my time as a software developer, I led a team of experienced developers to create innovative software products that revolutionized the way users interact with the platform.
- Demonstrated strong communication and project management skills at BidBand, working with cross-functional teams to deliver high-quality software projects within time and budget constraints.

EDUCATION

Bachelor of Computer Science   University of Haifa

1993– 1996

SKILLS

— **Algorithmic Trading software**   — **Web Skill**

- MQL4/5   - ReactJS
- PineScript   - Next.js
- NinjaScript   - Node.js
- EasyLanguage   - Express
- IBKR   - ASP
- ThinkOrSwim   - .NET
- Python   - Laravel
- cTrader   - PostgreSQL
- TradeLocker   - MongoDB
- Binance   - UX/UI
- API development   - TailwindCSS & Bootstrap
- Telegram & Discord Bot Development
- Trading Platform Development