

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

- MetaTrader (MQL4/5)
- TradingView (PineScript)
- NinjaTrader (NinjaScript)
- TradeStation (EasyLanguage)
- IBKR (Python)
- ThinkOrSwim (ThinkScript)
- cTrader (cAlgo)
- TradeLocker(Python)
- Binance (Python)
- API development (DotNet)
- Telegram & Discord Bot Development (Python)
- Trading Platform Development (Web)

– Web Skill

- ReactJS
- Next.js
- Node.js
- Express
- ASP
- .NET
- Laravel
- PostgreSQL
- MongoDB
- UX/UI
- TailwindCSS & Bootstrap