JASDEEP AHLUWALIA

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EDUCATION

University of Maryland-College Park, United States   *Expected Graduation: Dec 2024*
Major: Computer Science
Relevant Coursework: Databases, Algorithms, Advanced Linear Algebra, Data Structures, Data Science, OOP I & II

Johns Hopkins BMEI, Baltimore, United States   *Nov 2020 - Jan 2021*
- Modeled systems using engineering principles to solve biological, physiological, and/or medical design problems over a six-week period.

WORK EXPERIENCE jasdeepahluwalia.com

Sellerchain Inc.   *Jun 2022 - Aug 2022*
beta.sellerchain.com   **Fullstack Developer Intern**
- Led the fullstack development on an Angular .NET core app, primarily responsible for the frontend.
- Designed and implemented efficient SQL Server database solutions, enhancing app functionality.
- Employed Modular Programming, Material Design, Angular 14, Git, and best practices to build a cutting-edge .NET core app.
- Maintained proactive communication with the startup's CEO, asset teams, and fellow developers for rapid and efficient progress.
CEO Recommendation: jasdeepahluwalia.com/files/sellerchain_recommendation

Proxyfarm   *Jan 2021 - Aug 2021*
proxy-farm.com **User Success:** twitter.com/proxyfarm   **Lead Developer**
- Constructed and designed a premium proxy service through international IP acquisition and self-taught network development.
- Utilized MongoDB to efficiently manage high-volume, low-cost orders.
- Developed a user dashboard and online storefront with React Redux and Stripe.
- Configured and implemented automation for Squid proxy servers: IP masking, IP forwarding, Traffic Filtering, User:Pass authentication, Stored Server Logs, and maintained a pool of multiple thousands of IPs.

The Bot Trade   *Jan 2021 - Sept 2021*
twitter.com/TheBotTrade   **Administrator**
- Consulted for a leading software trading and cryptocurrency advisory firm, providing expert guidance to clients.
- Assessed client needs and delivered strategic investment recommendations for development company ventures.
- Directed a high-performing team of 10+ employees, optimizing payroll and monitoring productivity to achieve maximum efficiency.
- Established relationships with creators to create partnerships and collaborations, driving member engagement and fostering long-term business growth.

PROJECTS jasdeep-showcase.vercel.app

AlgoTrader   *Dec 2022 - Jan 2023*
github.com/ahluwalij/AlgoTrader
- Developed an advanced Python trading bot automating perpetual contract transactions.
- Employed Numpy and Pandas to analyze 5 years of stock and cryptocurrency data.
- Built a Flask API for seamless integration into market chart services.
- Optimized trading strategies, reduced human error, and maximized returns in a dynamic financial landscape.

Hash Automation   *Jan 2022 - May 2022*
Demo: youtube.com/watch?v=v_RfGE2vPys
- Spearheaded the development of a cutting-edge, Electron NFT bot that seamlessly integrates with Ethereum and Solana networks.
- Integrated AWS S3 and a fully on-chain authentication system to secure user data across Mac, Windows, and Linux.
- Crafted an aesthetic and intuitive frontend interface using React and TailwindCSS.
- Led a successful alpha period with over 50 users.

TECHNICAL SKILLS

Core Skills: Python, Java, JavaScript, Databases, Rust, Golang, OCaml, Ruby, C, and Git
Backend: SQL, MongoDB, Express, Flask, .NET(familiar)
Frontend: React, Angular, Tailwind CSS, Material Design/UI, SCSS, Figma
Certifications: AWS Certified Cloud Practitioner