



# 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 BMEL, 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](https://jasdeepahluwalia.com)

### Sellerchain Inc.

*Jun 2022 - Aug 2022*

[beta.sellerchain.com](https://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](https://jasdeepahluwalia.com/files/sellerchain_recommendation)

### Proxyfarm

*Jan 2021 - Aug 2021*

[proxy-farm.com](https://proxy-farm.com) **User Success:** [twitter.com/proxyfarm](https://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](https://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 [portfolio-by-jazz.vercel.app](https://portfolio-by-jazz.vercel.app)

### AlgoTrader

*Dec 2022 - Jan 2023*

[github.com/ahluwalij/AlgoTrader](https://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](https://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