

Harry Moreno – Full-Stack Software Engineer

Location: New York, NY (based in NYC)

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Profile

Full-stack engineer with 7+ years of experience building and launching web applications at startups and tech companies. Skilled in both front-end (JavaScript, React, Next.js) and back-end (Python, Django, Node.js) development, I thrive on delivering complete solutions from concept to production. I have a strong track record of developing tools for legal and financial workflows – for example, automated data scrapers and secure document pipelines – that streamline processes for founders and investors. A fast learner passionate about early-stage environments, I excel at working in ambiguity, defining product roadmaps, and building features that drive user adoption. I combine technical expertise with clear communication to ensure both polished user-facing interfaces and robust back-end systems.

Skills

- **Languages & Frameworks:** JavaScript (React, Next.js, Node.js, Express), Python (Django, Celery), Java
- **Web & UI:** HTML5, CSS3 (Responsive Design, Animations/Keyframes), Chrome Lighthouse optimization, Lodash, Microservices architecture
- **Data & Databases:** PostgreSQL, Amazon Redshift, NumPy, Pandas, Kafka (event streaming), ETL pipelines
- **Cloud & DevOps:** AWS (EC2, S3, ECR, RDS), Docker, Terraform, Jenkins, CI/CD (automated builds/deployments)
- **Other Tools:** REST/GraphQL APIs, Agile/Kanban (JIRA), version control (Git), testing/debugging

Experience

Freelance Software Engineer, New York, NY (Oct 2023 – Present)

- Partner with early-stage startups to develop MVPs; build scalable full-stack solutions (Django/Python backend, React.js front end) on AWS infrastructure.
- Develop automated web-scraping tools (Scrapy, Puppeteer) for legal and business intelligence, enabling efficient collection of public data from government websites.
- Collaborate with product stakeholders to refine features and UX, ensuring fast iterations and alignment with evolving requirements.

Full Stack Engineer, AutoStrat.ai, New York, NY (Aug 2024 – Apr 2025)

- Designed and implemented a web application (Django back end, modern JavaScript front end) that generates branded PowerPoint presentations using the ChatGPT API, enabling marketers to quickly create polished slide decks from prompts.
- Refactored legacy code to adhere to Django best practices, improving maintainability and performance.
- Enhanced the user interface and experience with responsive design and streamlined workflows, working closely with designers and product managers.

Full Stack Engineer, Hayden5 (Video Production Tech), New York, NY (Oct 2022 – Oct 2023)

- Led development of a project management platform for the video production industry (Python/Django, JavaScript, SQL); migrated and modernized legacy systems into a unified tool.
- Integrated Amazon SES for scalable email delivery, ensuring reliable notifications to contractors and clients and improving communication efficiency.
- Implemented SignNow API integration to automate collection and secure storage of signed financial agreements and invoices, enhancing compliance and record-keeping.

Full Stack Engineer (Lead), Rayogram (Alkeon Capital), New York, NY (Jan 2020 – Sep 2022)

- Architected and led development of a trading calendar application for a hedge fund, incorporating real-time data from Bloomberg Terminal and ensuring SEC compliance for event scheduling. Managed a team of 4 engineers in an Agile environment.
- Built a Python-based data pipeline to convert monthly investor PDF reports into web-friendly images (using pdf2image, img2pdf, poppler), automating report processing and reducing manual effort.
- Automated email distribution of investor reports using standard email protocols (RFC822), improving timeliness and consistency of investor communications.

Full Stack Engineer, Huge Inc (Brand Experience Agency), New York, NY (Feb 2018 – Sep 2019)

- Orchestrated backend infrastructure (Node.js, AWS) for an immersive pop-up shop in Kobe, Japan; implemented real-time WebSocket communication with Express.js for interactive installations.
- Established end-to-end CI/CD pipelines using Jenkins, Docker, and AWS (ECR), automating deployments across development, staging, and production.
- Collaborated with cross-functional teams to deliver reliable, high-performance web and mobile experiences for global clients.

Full Stack Engineer, Capsule Corp (Healthcare Tech), New York, NY (Feb 2016 – Feb 2018)

- Designed and built an ETL pipeline (Python, NumPy, Pandas) to extract data from PostgreSQL (AWS RDS) and load it into Amazon Redshift, enabling advanced analytics and business reporting.
- Implemented user event tracking (Segment.io) to capture user interactions and identify drop-off points; used data insights to optimize conversion funnels and improve user onboarding flows.
- Maintained and extended a Node.js application interfacing with a Microsoft SQL Server database, providing data querying tools for internal stakeholders.

Open Source Projects

React Native Contacts (GitHub: [morenoh149/react-native-contacts](https://github.com/morenoh149/react-native-contacts)) – Develop and maintain a widely-used open-source module (JavaScript, Objective-C, Java) for accessing phone contacts in React Native apps.

Education

Worcester Polytechnic Institute (WPI), Worcester, MA

Bachelor of Science in Computer Science (2008 – 2012) — Coursework: Web Applications, Databases, Software Design, Algorithms, AI, Networks, and Functional Programming.