

SAUMAY KILLA

+1-516-968-1066 | saumaykilla@gmail.com | United States | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Full-stack engineer with 3+ years of experience, eager to contribute to the development of AI-driven features. Proven ability to build and deploy scalable full-stack applications, with a focus on data integration, APIs, and cloud infrastructure. Seeking to leverage expertise in a dynamic, high-ownership environment at Keye.

SKILLS

- **Frontend:** React.js, JavaScript (ES6+), TypeScript, Redux, Tailwind CSS, HTML5, CSS3, Responsive Design, Cross-browser Compatibility Accessibility (WCAG)
- **Backend:** Node.js, Express.js, Python, RESTful APIs, Server-Side Rendering (SSR)
- **Database:** MongoDB, PostgreSQL
- **DevOps & Cloud:** AWS (Lambda, EC2, S3, Amplify), Docker, CI/CD, Supabase

PROJECTS

Live Trading Ticker

- Built a **Live Trading Ticker** that extracts and displays real-time stock prices by web scraping a trading website.
- Utilized **Next.js** for the frontend, **Node.js** for the backend, and **Playwright** for automated web scraping

Segment AI

- Developed **Segment AI**, an application that generates tailored business insights for products based on objectives and customer segments using AI models.
- Implemented with **Python** for AI workflows, **Supabase** for data management, and **Next.js** for the frontend.

Document Parser

- Built a **Document Parser** that extracts line items from logistics PDFs and automatically populates structured data into the database.
- Leveraged **Python** for PDF parsing, **Supabase** for database management, and **Next.js** for the user interface.

WORK EXPERIENCE

Founding Engineer, Humainority, New York, United States

Sep 2024 – Present

- Led the design and deployment of a full-stack web platform using React and Node.js/Express on AWS, reducing user application time by 60%.
- Implemented CI/CD pipelines with AWS Lambda and Amplify, accelerating deployment frequency by 40%.
- Integrated an ML model using OpenAI's API to auto-generate tailored content, increasing user engagement threefold during testing.

Software Developer, Wiz Freight, Chennai, India

Mar 2022 – Jul 2023

- Developed responsive UIs in React, reducing front-end development time by 30%.
- Integrated backend APIs to deliver real-time freight tracking and live dashboards, significantly improving the user experience.
- Improved performance and accessibility across key pages, boosting Lighthouse scores by 20%

Machine Learning Intern, HighRadius, PAN India

Jul 2021 – Apr 2022

- Trained machine learning models to predict invoice clearance dates more accurately, helping finance teams forecast payments up to 25% better.
- Automated client-specific file creation with Excel scripts, cutting down manual processing by around 40%.
- Explored key data features that influenced payment behaviour, which sped up the model training process by nearly 15%.
- Worked closely with data engineers to streamline pipeline performance, bringing model run times down from hours to under 30 minutes.

EDUCATION DETAILS

New York University, New York, United States

Aug 2023 – May 2025

Masters in Management & Systems, GPA 3.69

SRM Institute of Science & Technology, Chennai, India

Jun 2018 – Apr 2022

Bachelors in Computer Science, GPA : 3.96