

# SAUMAY KILLA

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## SKILLS

- **Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), Zustand, Tailwind CSS, HTML5, CSS3, Responsive Design, Accessibility (WCAG), Cross-browser Compatibility
- **Backend:** Node.js, Express.js, Python (Flask, FastAPI), RESTful APIs, Server-Side Rendering (SSR)
- **Database:** PostgreSQL, MySQL, MongoDB, Supabase, SQL
- **DevOps & Cloud:** AWS (Lambda, EC2, S3, Amplify), Docker, CI/CD (GitHub Actions)
- **AI & Automation:** LangChain, OpenAI API, Web Scraping (Playwright), Data Pipelines, AI Integrations
- **Tools & Collaboration:** Git, GitHub, Jira, Figma, Notion, Postman, VS Code

## WORK EXPERIENCE

### Humainority

Founding Engineer

Aug 2024 - Present

New York, United States

- Led the end-to-end development of a scalable web platform from concept to launch, defining system architecture, database design, and overall tech roadmap.
- Built the **frontend using React and TypeScript**, delivering a fast, intuitive, and responsive user experience
- Designed and deployed a **serverless architecture on AWS** using Lambda, reducing infrastructure management effort by 40%.
- Developed **Python-based backend services** for data processing and API integration, ensuring secure and efficient data flow.
- Implemented a **custom CI/CD pipeline** using Github Actions to automate builds, testing, and deployment, cutting release time by over 60%.

### Wiz Freight

Software Developer

Apr 2022 - Jul 2023

Chennai, India

- Translated **Figma designs into modular React components**, improving development speed and code reusability by 30%.
- Built and optimized the **landing page**, increasing page load speed by 40% and driving stronger user engagement.
- Delivered a fully responsive UI using **Tailwind CSS**, enhancing accessibility and mobile usability across all devices.
- Integrated **backend APIs** and implemented **Redux** for efficient state management, reducing UI latency and improving data consistency.
- Collaborated in **Agile sprint cycles**, contributing to faster feature delivery and smoother cross-team coordination.
- Authored **comprehensive component documentation**, streamlining future updates and reducing onboarding time for new developers.

### HighRadius

Machine Learning Intern

Aug 2021 - Mar 2022

PAN India

- **Trained machine learning models** to predict invoice clearance dates with 25% higher accuracy, improving payment forecasting for finance teams.
- **Automated client-specific Excel file creation**, reducing manual data processing time by approximately 40%.
- **Identified key data features** influencing payment behavior, accelerating model training by nearly 15%.
- **Collaborated with data engineers** to optimize and streamline data pipelines, enhancing overall model efficiency and reliability.

## PROJECTS

### Live Ticker Price Tracking

- Built a **real-time trading ticker** that extracts and displays live stock prices using **Playwright** for web scraping.
- Developed the **frontend with Next.js** and the **backend with Node.js**, enabling seamless and responsive live updates.

### AI-Powered Sales Order PDF Extractor

- Created an **AI-based tool** to extract structured data from unstructured **PDF sales orders**, reducing manual entry time by **90%** and improving data accuracy by **25%**.

### AI-Powered Segment Analysis Engine

- Developed a **prompt-driven insight engine** that generates business reports based on product, customer, and strategy inputs.
- Enabled teams to produce actionable insights **5x faster**, significantly improving strategic decision-making efficiency.

## EDUCATION

### New York University

Masters, Management & Systems

Aug 2023 - May 2025

- **GPA:** 3.69
- **Key Coursework:** Quantitative Analysis, Database Design, Data Visualization, Web Technologies, Project Management

### SRM Institute of Science & Technology

Bachelors, Computer Science

Jun 2018 - May 2022

- **GPA:** 3.96
- **Key Coursework:** Algorithms, Data Structures, Object-Oriented Design, Database Systems, Machine Learning