

SAUMAY KILLA

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SKILLS

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

WORK EXPERIENCE

Humainority

Aug 2024 - Present

Founding Engineer

New York, United States

- Managed the complete lifecycle of feature development, from gathering customer requirements to production deployment, aligning with best practices in the software development lifecycle.
- Developed full-stack platform using **React**, **TypeScript**, **Python** and **AWS**, improving user application speed by over 60%
- Established **CI/CD pipelines** with **Github Actions** leading to reducing the deployment times by 40% and streamlining releases.
- Implemented **OpenAI's API** to generate tailored resumes and cover letters, boosting user engagement.

Wiz Freight

Apr 2022 - Jul 2023

Software Developer

Chennai, India

- Developed responsive and interactive user interfaces in **React** based on **Figma** designs, leading to increase in customer satisfaction by 30%.
- Integrated backend **APIs** to enable real-time freight tracking and dynamic dashboards, reflecting robust experience in **RESTful APIs** and **back-end frameworks**.
- Collaborated with designers, product managers, and engineers to decompose high-level goals into actionable tasks, ensuring alignment with the full software development lifecycle.
- Optimized performance and accessibility across critical pages, enhancing Lighthouse scores by 20% and adhering to industry best practices.

HighRadius

Aug 2021 - Mar 2022

Machine Learning Intern

PAN India

- 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 speed 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.

PROJECTS

Live Ticker Price Tracking

- 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 web scraping

AI-Powered Sales Order PDF Extractor

- Built an AI-based extractor that automates structured data retrieval from unstructured PDF sales orders, cutting manual entry time by 90% and improving data accuracy by 25%.

AI-Powered Segment Analysis Engine

- Created a prompt-driven engine that generates tailored business insights based on product details, customer category, and strategic objectives. This enabled teams to produce strategic reports in minutes, improving decision-making speed by 5x.

EDUCATION

New York University

Aug 2023 - May 2025

Masters, Management & Systems

- **GPA:** 3.69
- **Coursework:** quantitative analysis, database design, data visualization, database and web technologies

SRM Institute of Science & Technology

Jun 2018 - May 2022

Bachelors, Computer Science

- **GPA:** 3.96
- **Coursework:** algorithm design, data structures, object-oriented design, database management systems