

SAUMAY KILLA

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SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, C, C++, SQL
- **Frontend:** React.js, Next.js, Zustand, Tailwind CSS, Accessibility (WCAG), Responsive Design
- **Backend:** Node.js, Express.js, Flask, FastAPI, REST APIs, SSR
- **Database:** PostgreSQL, MySQL, MongoDB, Supabase
- **DevOps & Cloud:** AWS (Lambda, EC2, S3, Amplify, SQS), Docker, CI/CD (GitHub Actions)
- **AI & Automation:** LangChain, OpenAI API, Web Scraping (Playwright), Data Pipelines
- **Collaboration:** Git, GitHub, Jira, Figma, Notion, Postman

WORK EXPERIENCE

Humainority <i>Founding Engineer</i>	Aug 2024 - Present
	<i>New York, United States</i>
<ul style="list-style-type: none">Architected and launched a scalable AI-powered web platform from concept to deployment, serving 2,000+ early users and enabling cross-team insights at scale.Designed the system architecture and AWS-based serverless infrastructure, reducing infrastructure overhead by 40% and cutting monthly operating costs by ~\$600.Built a modular frontend with React and TypeScript that achieved sub-200ms load times and a 95+ Lighthouse performance score.Developed Python serverless lambda microservices for secure data processing and third-party integrations, handling 50K+ API requests/month.Implemented a CI/CD pipeline with GitHub Actions to automate testing and deployment, reducing release cycles by 60% and ensuring zero-downtime rollouts.	
Wiz Freight <i>Software Developer</i>	Apr 2022 - Jul 2023
	<i>Chennai, India</i>
<ul style="list-style-type: none">Rebuilt the company's marketing website and landing pages in React, improving load speed by 40% and contributing to a 15% increase in lead conversions.Developed a reusable component library in React and Tailwind CSS, cutting frontend development time for new features by 30%.Optimized Redux-based state management to eliminate redundant API calls, reducing network requests by 25% and improving time-to-interactive by 1.2s.Collaborated directly with the design and backend teams during Agile sprints to deliver production-ready features ahead of schedule, improving sprint velocity by 20%.	
HighRadius <i>Machine Learning Intern</i>	Aug 2021 - Mar 2022
	<i>PAN India</i>
<ul style="list-style-type: none">Built and tuned machine learning models to predict invoice clearance timelines, increasing forecast accuracy by 16% for enterprise finance clients.Automated generation of client-specific Excel reports using Python, cutting manual processing time by 40%+ across teams.Collaborated with data engineers to optimize feature pipelines, reducing model training time by 25%.	

PROJECTS

Live Ticker Price Tracking	
<ul style="list-style-type: none">Built a real-time trading dashboard using Playwright and Next.js to scrape and visualize live stock data; handled multiple live updates with seamless performance.	
AI-Powered Sales Order PDF Extractor	
<ul style="list-style-type: none">Created a FastAPI tool leveraging AI and text extraction to automate data entry from PDF sales orders, cutting manual effort by 90% and improving data accuracy by 25%.	
AI-Powered Segment Analysis Engine	
<ul style="list-style-type: none">Developed a prompt-driven insight generator using LangChain and Gemini APIs that delivered 5x faster business reporting.Integrated structured analysis of product, customer, and strategy data for rapid executive decision support.	

EDUCATION

New York University <i>Masters, Management & Systems, GPA 3.69</i>	Aug 2023 - May 2025
<ul style="list-style-type: none">Coursework: Quantitative Analysis, Database Design, Data Visualization, Web Technologies, Project Management	
SRM Institute of Science & Technology <i>Bachelors, Computer Science, GPA 3.96</i>	Jun 2018 - May 2022
<ul style="list-style-type: none">Coursework: Algorithms, Data Structures, Object-Oriented Design, Database Systems, Machine Learning	