SAUMAY KILLA

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

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 - May 2025**
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.
- Engineered a full-stack web platform using React, TypeScript, and AWS, improving user application speed by over 60% while demonstrating expertise in front-end and back-end frameworks.
- Established CI/CD pipelines with AWS Lambda and Amplify, cutting deployment times by 40% and streamlining iterative releases.
- Implemented OpenAI's API to auto-generate tailored resumes and cover letters, boosting user engagement threefold and showcasing full-stack development skills.

Wiz Freight   **Apr 2022 - Jul 2023**
Software Developer   *Chennai, India*
- Developed responsive and interactive user interfaces in React based on Figma designs, reducing front-end development time by 30% and utilizing JavaScript frameworks.
- 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 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.

PROJECTS

AI-Powered Resume & Cover Letter Optimizer
- Developed a resume and cover letter customization tool that uses job description parsing and LLM-driven keyword optimization, reducing application time by 80% and increasing interview callback rates by 30%.

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