

# SAUMAY KILLA

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## CAREER SUMMARY

Experienced Full Stack Developer with a strong background in frontend, backend, and software engineering, specializing in scalable and high-performance application development. Proficient in React.js, Next.js, TypeScript, Python, Node.js, and AWS, with expertise in state management, database optimization, and DevOps practices. Skilled in enhancing system efficiency, optimizing API performance, and improving user experience to deliver seamless, reliable solutions. Focused on streamlining development processes, ensuring scalability, and driving innovation to support business growth and operational excellence.

## EDUCATION

<b>New York University, New York, United States</b> Master in Management & Systems	Sep 2023 - May 2025
<ul style="list-style-type: none"><li><b>Relevant Coursework:</b> Developed strong skills in quantitative analysis, database design, data visualization, and web technologies, enabling effective decision-making, optimized data management, and presentation of complex datasets.</li></ul>	
<b>SRM Institute of Science &amp; Technology, Chennai, India</b> B.Tech in Computer Science	Jul 2018 - May 2022
<ul style="list-style-type: none"><li><b>Relevant Coursework:</b> Gained expertise in algorithm design, data structures, object-oriented design, and database management systems, which led to enhancing skills in problem-solving, computational efficiency, and the development of scalable, maintainable software solutions.</li></ul>	

## WORK EXPERIENCE

<i>Founding Engineer</i> , Humainority: Non-Profit, New York, United States	Sep 2024 - Present
<ul style="list-style-type: none"><li>Developed and deployed a full-stack MVP using <b>Next.js, TypeScript, Python</b>, and <b>AWS</b>, delivering a scalable product within three months. Implemented scalable architecture, automated CI/CD reducing deployment time by 40%</li><li>Optimized AI processing efficiency by integrating asyncio in <b>Python</b>, reducing processing time by 40%, and improving response speeds.</li><li>Enhanced API response times by 25% by developing reusable components and optimizing platform architecture for scalability and security.</li><li>Maintained 99.9% system uptime, ensuring high reliability, and seamless CRM tracking operations.</li><li>Collaborated with UI/UX designers via Figma to refine user flows and interface design, enhancing usability and increasing user engagement by 30%.</li></ul>	
<i>Software Developer I</i> , Wiz Freight, Chennai, India	Apr 2022 - Jul 2023
<ul style="list-style-type: none"><li>Worked in coordination with back-end developers and designers using <b>HTML, CSS, JavaScript</b>, and <b>React.js</b> to develop and implement responsive web apps that improved the front-end structure and product efficiency by 20%.</li><li>Collaborated with back-end developers and designers to enhance UI/UX functionality, ensuring seamless API integration and optimizing performance, reducing load times by 30%.</li><li>Created and maintained technical documentation, increasing team productivity by 25%, and ensuring high-quality, sustainable code practices.</li><li>Achieved a 98% completion rate in <b>Agile development</b> cycles, supporting iterative improvements, and delivering customer-focused solutions.</li></ul>	
<i>Software Developer Intern</i> , Highradius, PAN India	Aug 2021 - Mar 2022
<ul style="list-style-type: none"><li>Developed a tree-based predictive model to forecast customer invoice delays, improving forecasting accuracy by 15%.</li><li>Automated report generation using <b>Python (openpyxl)</b>, reducing manual effort by 40% and increasing operational efficiency.</li><li>Analyzed payment delay patterns, optimizing resource allocation and payment processing by 20% for improved cash flow management.</li></ul>	

## SKILLS

<ul style="list-style-type: none"><li><b>Frontend:</b> HTML, CSS, Tailwind, State Management, React.js, Next.js, JavaScript, TypeScript, Responsive Web Design</li><li><b>Backend:</b> Python, Node.js, Express.js, RESTful APIs, Server-Side Rendering (SSR)</li><li><b>Database:</b> Oracle, SQL, PostgreSQL, MongoDB, NoSQL Databases</li><li><b>DevOps &amp; Cloud:</b> AWS (EC2, S3, Lambda, Amplify), Docker, Containerization, Continuous Integration/Continuous Deployment (CI/CD), Github</li><li><b>Project Management &amp; Design Tools:</b> JIRA, Figma, Agile Methodologies, Scrum</li><li><b>Soft Skills :</b> Problem solving, adaptability, Collaboration, Time Management, Leadership, Attention to Detail</li></ul>	
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