SAUMAY KILLA

+1-(516)-968-1066 | saumaykilla@gmail.com | New York, NY | https://saumay-portfolio.vercel.app/ | https://www.linkedin.com/in/saumaykilla/

SUMMARY

Skilled Full Stack Developer with expertise in React.js, Next.js, Python, and AWS, building responsive and scalable web applications. Proven experience in optimizing performance and collaborating with cross-functional teams for seamless integration and improved user experience.

EDUCATION

New York University, New York   Sep 2023 - May 2025
Master in Management & Systems

- 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.

SRM Institute of Science & Technology, Chennai, India   Jul 2018 - May 2022
B.Tech in Computer Science

- 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.

WORK EXPERIENCE

Founding Engineer, Humainority - Non Profit, New York   Sep 2024 - Present

- Led MVP development, managing a team of 4, and delivered a functional product in 3 months, including a scalable Next.js frontend and FastAPI backend.
- Built reusable frontend components for future integration, optimized backend API response times by 25%, and ensured secure, scalable deployment on AWS.
- Achieved 99.9% uptime through robust infrastructure, ensuring high availability and performance of the platform.

Software Developer 1, Wiz Freight, Chennai, India   Apr 2022 - Jul 2023

- Worked in coordination with back-end developers and designers with HTML, CSS, JavaScript, and React.js for developing and implementing responsive web apps that improved the front-end structure and product efficiency by 20%.
- Assisted technical documentation, increasing team productivity by 25% and producing sustainable, high-quality code.
- Accomplished a 98% level of completion in Agile development, supporting iterative improvement and customer-focused solutions.

Software Developer Intern, Highradius, PAN India   Aug 2021 - Mar 2022

- Developed a tree-based model to predict customer invoice delays, improving forecasting accuracy by 15%.
- Automated report generation using Python's openpyxl, reducing manual effort by 40%.
- Analyzed data to identify payment delay patterns, enhancing resource allocation and payment processing by 20%.
- Streamlined workflow by integrating predictive models, boosting team efficiency by 30%.

SKILLS

- **Frontend:** HTML, CSS, Tailwind CSS, Bootstrap, Recoil.js, React.js, Next.js, JavaScript, TypeScript ES6+, Responsive Web Design
- **Backend:** Python, FastAPI Node.js, Express.js, RESTful APIs, Server-Side Rendering (SSR)
- **Database:** Oracle, MySQL, PostgreSQL, MongoDB, NoSQL Databases, SQL
- **Version Control & Collaboration:** Git, GitHub, GitLab, Bitbucket, Code Review, Versioning, Branching
- **DevOps & Cloud:** AWS (EC2, S3, Lambda,Amplify), Docker, Containerization, Continuous Integration/Continuous Deployment (CI/CD)
- **Project Management & Design Tools:** JIRA, Figma, Agile Methodologies, Scrum