SAUMAY KILLA

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Full Stack Developer with expertise in React.js, Next.js, Python, and AWS, specializing in building scalable web applications. Skilled in both front-end and back-end development, consistently optimizing workflows and elevating user experiences. Proven track record in delivering high-quality software solutions within fast-paced environments. Driven to apply technical expertise and problem-solving abilities to contribute to a dynamic and innovative team. Passionate about continuous learning and improving code quality while maintaining scalability, security, and user-centric design.

EDUCATION

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

- **Relevant Coursework:** 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

- **Relevant Coursework:** 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.

EXPERIENCE

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

- Developed and deployed a full-stack MVP using Next.js, TypeScript, Python, and AWS, while collaborating on UI/UX design using Figma. Delivered a scalable product within 3 months, achieving 99.9% uptime and high user satisfaction.
- Implemented asyncio in Python to execute concurrent AI calls, reducing processing time by 40% and improving response efficiency, enabling faster decision-making and enhanced system performance.
- Optimized platform architecture by building reusable components and improving API response times by 25%, ensuring a secure, scalable deployment and setting the foundation for future feature integrations.

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 in 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%.

SKILLS

- **Frontend:** HTML, CSS, Tailwind CSS, State Management, React.js, Next.js, JavaScript, TypeScript ES6+, Responsive Web Design
- **Backend:** Python, Node.js, Express.js, RESTful APIs, Server-Side Rendering (SSR)
- **Database:** Oracle, SQL, PostgreSQL, MongoDB, NoSQL Databases
- **DevOps & Cloud:** AWS (EC2, S3, Lambda, Amplify), Docker, Containerization, Continuous Integration/Continuous Deployment (CI/CD)
- **Project Management & Design Tools:** JIRA, Figma, Agile Methodologies, Scrum