# Kokadan Saad

91-9061837783 | saadbasheer0@gmail.com | linkedin.com/in/kokadansaad | github.com/saadbasheer

## EDUCATION

**SRM Institute of Science and Technology**                    Kattankulathur, Tamil Nadu
*Bachelor of Technology in Computer Science and Engineering*              *Aug. 2020 – Jun 2024*

## EXPERIENCE

**Founder**                                                          Jan 2024 – Present
*NetworkZero | visit*                                            *Chennai, Tamil Nadu*
- Spearheaded a platform for authors to publish content, overseeing all aspects from design to strategy
- Hired and mentored a talented team, imparting domain knowledge and leadership
- Crafted compelling documentation and engaged potential investors to secure funding

**Data Science Internship Simulation**                                      Dec. 2023
*BCG Data Science Job Simulation*                                           *Remote*
- Showcased advanced analytics prowess in customer churn analysis, outlining strategic investigations
- Leveraged Python (Pandas, NumPy) for efficient data analysis and insightful visualizations
- Engineered and optimized a random forest model with 85 percent accuracy in churn prediction
- Delivered actionable executive summary, driving data-informed decision-making

## PROJECTS

**rmtDev** | try | React, TypeScript, Vite, Context API, React Query, Custom Hooks          Feb. 2024
- Built a cutting-edge web application to simplify the search for remote developer job listings.
- Implemented advanced features like search filtering, result sorting, bookmarking, and URL-based job sharing.
- Optimized data fetching and caching using React Query, ensuring lightning-fast loading times and seamless performance.
- Integrated third-party libraries like react-hot-toast and usehooks.com to enhance functionality and streamline development.

**CorpComment** | try | React, JavaScript, HTML, CSS, API Integration                      Jan. 2024
- Developed a web application for publicly sharing feedback about corporations through a user-friendly interface.
- Implemented features like company hashtag filtering, comment upvoting, and real-time data synchronization with a robust API.
- Crafted a clean, minimalist, and responsive UI/UX design, ensuring an engaging user experience.

**Media colorization using GANs** | Python, PyTorch, OpenCV, GANs, ZRAM          Sept. 2023 – Dec. 2023
- Developed an innovative video colorization system using Generative Adversarial Networks (GANs), achieving a 61% reduction in processing time compared to existing methods.
- Implemented an efficient image embedding and clustering pipeline, optimizing frame processing and reducing redundant computations.
- Utilized PyTorch for GAN implementation and OpenCV for video processing, ensuring high-quality colorization output.

**InBreach** | *Python, APIs*                                                      Jan. 2023
- Developed a password checker that utilizes an API to determine if passwords have been involved in security breaches
- Implemented efficient algorithms to analyze and flag compromised passwords promptly
- Showcased expertise in cybersecurity, addressing the crucial need for secure password practices

## TECHNICAL SKILLS

**Languages**: Python, C/C++, SQL, JavaScript, HTML/CSS
**Frameworks**: Next.js, React, Node.js, Express.js, Flask, WordPress, PyTorch, TensorFlow
**Developer Tools**: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ
**Libraries**: pandas, NumPy, Matplotlib, scikit-learn