

Kokadan Saad

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EDUCATION

SRM Institute of Science and Technology

Bachelor of Technology in Computer Science and Engineering

Kattankulathur, Tamil Nadu

Aug. 2020 – Jun 2024

EXPERIENCE

Founder

Dec. 2023

NetworkZero | [visit](#)

Chennai

- 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

Dec. 2023

BCG Data Science

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, SQL, JavaScript, HTML/CSS

Frameworks: Next.js, React, Node.js, Express.js, Flask, Django, PyTorch, TensorFlow

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ

Databases: PostgreSQL, MongoDB, MySQL

Libraries: pandas, NumPy, Matplotlib, scikit-learn

Real-Time Communication: Socket.IO

Other Tools: Docker, RESTful APIs, GraphQL, Agile Methodologies