

S. KASINADH SARMA

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SUMMARY

AI/ML Developer with a strong foundation in deep learning frameworks, computer vision, and natural language processing. Proven ability to develop and implement AI solutions for real-world problems. Proficient in TensorFlow, PyTorch, and Scikit-learn. Seeking a challenging role in the field of AI/ML, where I can contribute to the development of innovative and impactful solutions.

EXPERIENCE

AI Researcher

Innvoket Tech LLP

- Conducted research and development in AI, machine learning, and related technologies.
- Focused on implementing innovative solutions for AI/ML-based projects and contributing to product development.

Summer Trainee

Intel Unnati

- Participated in Intel Unnati's summer training program and gained insights into various machine learning projects.
- Developed an AI project on road object detection using the COCO dataset with a GUI-based GTK version.
- Conducted research and development in AI, machine learning, and other related areas.

PROJECTS

PikasuBirdAI | GitHub

- Developing an AI-powered robotic bird with advanced flight, sensing, and autonomous capabilities for versatile aerial applications.
- Implementing transformer-based models for detection and threat assessment, alongside AI systems like FastThinkNet and OpenAI Whisper for real-time processing.

NeuroFlex | GitHub

- Developed a flexible neural network framework designed for rapid prototyping and experimentation.
- Integrated with major deep learning libraries to optimize performance and scalability.

AlgoNexus | GitHub

- Developed and implemented machine learning-driven algorithms for intelligent trading strategies.
- Created a robust system for analyzing market data, backtesting strategies, and automating trade execution.

cognition-11-experiment | GitHub

- Conducted experiments on AI consciousness to understand its operation and evaluate test case performance.
- Developed methodologies to utilize AI awareness in discovering truths about AI.

RESEARCH ARTICLES

- **NextGenJax: A Comprehensive Analysis of State-of-the-Art Machine Learning Libraries and Models** | [Link](#)
- **Revolutionizing Machine Learning: The Emergence and Impact of Google's TPU Technology** | [Link](#)

SKILLS

⌘ **Programming Languages:** Python, Java

⚙️ **AI/ML Frameworks:** TensorFlow, PyTorch, NLP, Computer Vision, gym, JAX, Flax, Scikit-learn

⚡ **Machine Learning Techniques:** Deep Learning, K-Nearest Neighbors (k-NN), Machine Learning Algorithms

🔧 **Tools:** Git, Docker

EDUCATION

Parul University

B.Tech in Computer Science and Engineering (Cyber Security)

CGPA: 7.46

Vadodara

November 2020 - March 2024

CERTIFICATIONS

- Introduction Of IoT - **NPTEL**
- Introduction to programming Using Python - **HackerRank**
- Cybersecurity Roles, Processes & Operating System Security - **Coursera, IBM**
- Networking Basics - **Cisco**
- Networking Devices and Initial Configuration - **Cisco**
- Introduction Of Cyber Security - **Cisco**
- Google Cloud - **Google Cloud Skills**
- Google Professional Cyber Security - **Google Professional Cyber Security**