

Sriabhinay Kusuma

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Objective

Highly motivated Computer Science graduate with a 4.0 GPA, eager to apply strong technical skills in software development. Skilled in rapidly mastering new technologies, dedicated to delivering fresh knowledge to the table that exceeds client expectations.

Projects

AI-Scraper | Technologies: Python, LLM, BeautifulSoup, Playwright, OpenAI

- Scrape any website with a text prompt., a multi-agent application, Able to bypass Anti-bot systems 90% of times.
- Features: Proxy rotation, headless browsers, tokens cost reduced by 80%, custom HTML reduction logic, thread context.

Go-Get-Gig | Technologies: NextJS, React, Node.js, Cheerio, NodeCron, NLP, Caching, Vercel

- A full-stack web app to fetch the latest entry-level job listings from Indeed by web scrapping.
- Incorporated Machine Learning to filter out entry level jobs, advanced caching, server-side, SEO optimized.

Sneakers Adda | Technologies: NextJS, React, Node.js, PostgreSQL, Tailwind CSS, Vercel

- A dynamic full-stack project for real-time sneaker data by web scrapping and API endpoints.
- Incorporating Server Side Rendering, SEO optimized, User Authentication, Database Connectivity, Caching, Speed optimized.

Human Face Emotion Detection | Technologies: Keras, VGG, Numpy, Pandas, Jupyter

- Developed a Convolutional Neural Networks model to classify the human's emotion through real time face footage.
- 90% accuracy. Build on top of a popular pre-trained model VGG-19 with the Transfer Learning methodologies.

Experience

University of Alabama

Huntsville, AL

Graduate Teaching Assistant

Jan 2023 – May 2024

- **CS454/554 Cloud Computing** - Lab Setup and Support: Provided a platform for student teams to experiment with cloud computing concepts. Instructed students in cloud-based software management skills.
- **CS104 Python** - Student Assistance and Grading: Conducted in-person lab hours, offering hands-on assistance to enhance student problem-solving skills in Python. Provided Grading and Support for the lab assignments for 40+ students.

Student Specialist IV - Grader

Aug 2022 – Dec 2022

- **CS317 Design and Analysis of Algorithms** - Responsible for grading and in-person academic support for 60+ students.
- Assisted the professor in preparing coursework, assignments, and exams. Hosted office hours for students.

Garuna.tech

Warangal, India

Garuna – Software Intern

May 2021 – June 2022

- Developed fast-paced shipping products from design to execution using React, HTML5, and Tailwind CSS.
- My role involved designing engaging user interfaces and building visually appealing solutions that enhanced client operations.

Education

University of Alabama

Huntsville, AL

Master's in **Computer Science & Cybersecurity** – 4.0/4.0 CGPA

Expected Graduation – Dec 2025

SR Engineering College

Warangal, India

Bachelor's in **Computer Science** – 3.3/4.0 CGPA

Graduated May 2022

Technical Skills

Languages: JavaScript/ TypeScript, HTML, CSS, Python, Java, SQL

Databases: MySQL, MongoDB, PostgreSQL

Technologies/Frameworks: React, NextJS, Node.js, Django, Tailwind CSS, Express, MERN, RESTful APIs

Others: Git/GitHub, AWS, EC2, CNN, Postman, Docker, jQuery, JIRA, Figma, CI/CD, Agile, Spring Boot

Web3: Solidity, Smart Contracts on Ethereum Blockchain.

Certifications

- [AWS Knowledge: Cloud Essentials](#) | [Complete Javascript from Udemy](#) | [Complete Python from Udemy](#)