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.

Experience

Garuna – Software Engineer   May 2021 – June 2022

- Delivered responsive web applications with seamless user interfaces using React, Python-based backend services.
- Streamlined deployment workflow with GitHub Actions and leveraged Git for collaboration and version control efficiency.
- Leveraged Cucumber for automated testing, reducing manual testing time by 40%. Enhanced overall delivery time by 30%.
- Enhanced the digital presence of multiple clients, with a 30% boost in customer engagement and a 20% boost in web traffic.

Tech Stack: React, JavaScript, HTML/CSS, Node.js, Express, Django, Python, Cucumber, REST APIs, Git

University of Alabama – Graduate Teaching Assistant   Aug 2022 – May 2024

- **CS454/554 Cloud Computing** - Lab Setup and Support: serving 50+ students, creating a practical cloud environment that increased successful project completions by 20%. Worked with professors to build impactful assignments for students.
- **CS104 Python** - Student Assistance and Grading: Guided 40+ students through in-person labs, offering individualized support that elevated assignment completion rates and improved average scores by 10%.
- **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 which enhancing class efficiency.

Education

Master of Science – Cybersecurity	University of Alabama in Huntsville	**4.0* GPA**	2024-2025
Master of Science – Computer Science	University of Alabama in Huntsville	**4.0 GPA**	2022-2024
Bachelor of Science – Computer Science	SR University, India	**3.3 GPA**	2018-2022

Projects

AI-Scraper | Python, LLM, BeautifulSoup, Playwright, OpenAI - link
- Implemented a multi-agent web extraction solution that rapidly gathers complex web data with a text prompt.
- Achieved a 90% anti-bot bypass rate and cut LLM-token usage by 80%, significantly lowering costs and accelerating data-driven decision-making reducing manual overhead and operational friction.

Go-Get-Gig | NextJS, React, NLP, Vector DB, AWS
- Built a targeted job discovery platform delivering relevant, fresh, entry-level jobs to enhance early-career hiring success.
- Leveraged NLP-driven filters, contextually relevant listings, advanced caching, and SEO optimization to boost visibility, and increase successful job matches.

Sneakers Adda | NextJS, React, Node.js, PostgreSQL, Tailwind CSS, Vercel - link
- Built a real-time sneakers e-commerce website. Optimized server-side rendering, caching, and database operations to improve load times, elevate SEO rankings.

Human Face Emotion Detection | Python, Keras, TensorFlow
- Developed a CNN-based emotion classifier built on VGG-19 to streamline facial expression analysis. Achieved 90% accuracy, enabling data-backed strategies that improve user experience and marketing efficacy.

Technical Skills

Languages: JavaScript/ TypeScript, HTML, CSS, Python, Java, SQL
Databases: MySQL, MongoDB
Technologies/Frameworks: React, NextJS, Node.js, Django, Tailwind CSS, Express, MERN, RESTful APIs
Others: Git/GitHub, Linux, Cucumber, 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