SRIJAN BIJJAM

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EDUCATION

THE OHIO STATE UNIVERSITY   *Columbus, OH*
Bachelor of Sciences   *May 2025*
Major in Computer Science (Artificial Intelligence Track); Minors in Mathematics
Relevant Coursework: Project: Design, Development, and Documentation of Web Applications, Discrete Math, Data Structures & Algorithms, Computer Systems I & II, Neural Networks, Machine Learning, Knowledge-Based Systems Capstone

WORK EXPERIENCE

Society for Worldwide Interbank Financial Telecommunication (SWIFT)   *Culpeper, VA*
Systems & Applications Engineering Intern   *Jun 2024 – Aug 2024*
- Developed a Python script to automate file compression on Linux production servers, cutting down manual processing time by 95% and optimizing disk space utilization.
- Designed and implemented Kibana dashboards to provide real-time visibility into disk space metrics, enabling proactive monitoring and alerts.
- Created a comprehensive ServiceNow checklist dashboard using SNOW reporting capabilities to automate global data center handovers, ensuring seamless 24/7 operational continuity across multiple regions.

JDK Technologies   *Naperville, IL*
Software Developer   *May 2022 – Aug 2024*
- Developed an AI-focused newsletter, attracting over 1,000 monthly readers
- Engineered database functionalities using C# and Entity Framework, optimizing data workflow
- Enhanced online content aesthetics and functionality using sophisticated HTML/CSS

PROJECTS

Convey.ai   *Mar 2025*
- Architected and developed an **AI-powered note-taking web application** that automatically converts meeting notes into actionable tasks
- Implemented seamless integrations with **Linear and Jira APIs** to streamline task management and project tracking
- Built a modern, responsive web interface using **Next.js**, **TypeScript**, and **Tailwind CSS**, featuring real-time task extraction and automated assignment capabilities
- Engineered a secure backend with **Supabase** for authentication and data management, ensuring enterprise-grade security and scalability
- Integrated **Google's Gemini API** to intelligently analyze meeting notes, extract action items, and generate structured tasks with appropriate details

Script Lock   *Aug 2024*
- Leading the development of a **React Native** mobile application that simplifies and secures scene paper distribution for the film industry
- Designed and implemented custom **RESTful** API routes with **Node.js/Express.js**, hosted on a **Railway**
- Integrated **MongoDB** for user data storage and **AWS S3** for secure file storage
- Increased team productivity by delegating tasks with **Trello** while establishing code quality standards with **GitHub actions**

Mealtry   *Oct 2023*
- Crafted a **JavaScript** application for extracting and processing dining hall nutrition data into user-specific healthy meal plans
- Established a robust **database** system for swift and effective information retrieval
- Refined a Basal Metabolic Rate-based **algorithm** for custom meal plan generation, showcasing proficiency in data analysis

Emotion Recognition   *Aug 2023*
- Designed a **deep learning model** for facial emotion detection with 90% accuracy, utilizing over 10,000 diverse facial images
- Improved model resilience through strategic **data augmentation**
- Leveraged **PyTorch** for designing, training, and evaluating the neural network model

SKILLS

Tools & Technologies: Trello, Ghost, Git, API Programming, Microsoft Suite, .NET Framework, pyTorch, AWS, Linux command-line operations, ServiceNow, Elastic (ELK) Stack: Elasticsearch, Logstash, Kibana, Jira, Linear, Figma
Programming Languages: Java, Python, C, C#, C++, HTML/CSS, Javascript, SQL, ReactJS, NodeJS, x86-64 Assembly, Bash, Ansible, Ruby, PostgreSQL