Suvan Dommeti

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EDUCATION

The Ohio State University	Columbus, Ohio
M.S. in Computer Science and Engineering (Expected)	Jan 2025 - May 2026
B.S. in Computer & Information Science **(GPA: 3.96/4.00)**	Aug 2022 - Dec 2025
B.S. in Statistics **(GPA: 4.00/4.00)**	Aug 2022 - Dec 2025

TECHNICAL SKILLS

Languages: Java, TypeScript/JavaScript, Python, C#, R, Golang, SQL, C/C++, x86 Assembly, JSON, XML , Scala
Technologies/Frameworks: React, Next.js, Kubernetes, Springboot, pandas, scikit-learn, PyTorch, .NET, Docker, Ruby on Rails
Other: AWS (Cloud Practitioner), Git, Jenkins, Visual Studio IDE, Postman, Jest, OracleDB, Splunk, MySQL, Docker, Agile/Jira

WORK EXPERIENCE

J.P. Morgan Chase — Jun 2024 – Present
Software Engineer Intern
- Migrated the Blueprint web app to Next.js reducing load times by 60% for 10,000 bankers who use the app daily.
- Consolidated 7 APIs into 3, reducing backend complexity and lines of code by 25%, added Splunk to monitor performance.
- Deployed to AWS using Cloud Foundry & Jenkins, implemented monitoring tools with 100% test coverage using Jest and J-Unit.

Northwest Bancshares — Aug 2023 – Dec 2023
Software Engineer/ Product Management Intern
- Managed the GTM of a financial support chatbot resulting in 15% decrease in customer churn and ~1 star increase on surveys.
- Launched to Azure Kubernetes Service, enabling scalable user interactions, resulting in over 20,000 uses since deployment.
- Developed a FAQ page using high frequency requests to chatbot in .NET, reducing around 1000 customer service calls

WillowTree Apps — Jun 2023 – Sep 2023
Software Engineer Intern
- Created a live-demo component using typescript for audio tech client, increasing conversion rate from visit to purchase by 11%
- Researched a dual LLM system where a supervisor LLM judged a client LLM response with 97% judgment accuracy

SenseICs — Jan 2023 – Jun 2023
Software Engineer Intern
- Designed and implemented software components using C/C++ for classified projects for the U.S. Government
- Engineered a set of automation tools for electrical engineers, creating a 30% reduction in testing time and reducing errors by 20%.

PROJECTS

Yale Law Eviction Lab | *AWS Sagemaker, TensorFlow, Python, Golang* — May 2024 – Present
- Researching quantitative methods to find price gouging in high growth housing markets utilizing ML methods & TensorFlow.
- Validating theories provided by political scientists by collecting and cleaning data and then testing the hypothesis. Have currently tested 10 ideas, 2 of which are pending journal publication.

Group Me Spam Detection | *AWS Lambda, TensorFlow, NextJS* — Dec 2023 – Present
- Built a language spam-detection model in TensorFlow and integrated it with a bot using JavaScript and the GroupMe API
- Leveraged AWS Lambda for a serverless, always-running solution that detects and deletes spam messages in real-time
- Successfully removed over 3000 spam messages from more than 30 group chats after 10 months of deployment with multiple versions released since using Blue-Green deployment

Bluebonnet Data | *Next.js, Express.JS* — May 2023 – Present
- Created a web app using Next.js, Express, and SQLite to assist door-to-door voter registration efforts, featuring accessibility options such as large letters, color changes, and language translation to increase voter registration in Atlanta
- Revamped data analytics tools, building expansions of their Google Analytics dashboards using Tableau and Python Streamlit

LEADERSHIP

Big Data & Analytics Association | President — Jan 2023 – Present
- Spearheaded the corporate analytics project branch, worked with OSU Libraires, OSU Sports Analytics and Honda to host semester long data science projects with teams of 4-5 students.
- Grew our sponsor base from 2 companies to 9 over the course of 3 semesters and hosted 15+ tech talks with sponsors and partner companies