

Krushal Kalkani

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EDUCATION

Florida Atlantic University | Boca Raton, FL
Master of Science in Computer Science

Expected Graduation: May 2026
GPA - 3.8/4

RELEVANT COURSEWORK

Intro to Data Science, Database Systems, Data Mining & Machine Learning, Deep Learning, Reinforcement Learning, Analysis of Algorithms

TECHNICAL SKILLS

Languages: Python, JavaScript
Machine Learning & AI: Scikit-Learn, TensorFlow, Keras, Neural Networks, Deep Learning
Web Technologies: HTML, CSS, Bootstrap, React.js
Version Control: Git, GitHub, GitHub Actions
Tools & Frameworks: Flask, RESTful APIs, Tkinter (GUI Development)

WORK EXPERIENCE

Brainvire Infotech Pvt. Ltd. | Python, JS, & Front-end Feb 2023 – Jan 2024
Software Developer

- Developed & customized Odoo modules for sales and inventory, leveraging ORM methods.
- Optimized Hatchet e-commerce project, improving site efficiency by 75% and boosting revenue by 35%.
- Built 10+ websites using HTML, CSS, and JavaScript, focusing on responsive UI/UX.
- Created a Python-based tool, showcasing programming versatility.
- Strengthened Git version control skills through collaborative development.

PROJECTS

Q-Learning on Grid World | Python, Q-Learning, AI Jan 2024 - Present

- Implemented Q-learning on a custom 4x3+ grid-world with obstacles, states, actions & rewards.
- Developed an RL agent, visualized learning with a step-to-go curve, and analyzed Q-tables.

Personal Resume Site | HTML, CSS, Bootstrap, JS Dec 2023 - Present

- Developed a personal portfolio site using HTML, CSS, and JavaScript (JS), also serving as a resume.
- Implemented responsive design principles with Bootstrap for optimal viewing on various devices. Created a visually appealing and user-friendly interface to showcase skills and experience.

Single Page Web App - Todoist | HTML, CSS, JavaScript May 2023 - Jul 2023

- Developed a Single Page Web Application (SPA) Todoist using JavaScript.
- Enhanced proficiency in JavaScript by implementing task addition, deletion, and toggling features.
- Implemented a total task counter for comprehensive task management.

Google Keep Clone | HTML, CSS, JavaScript, React.JS Jan 2023 - Mar 2023

- Developed a Create Area component in React and Material-UI for a Google Keep clone.
- Enabled note creation and management with features like expanding input and adding notes.
- Demonstrated efficient state management using useState.

LEADERSHIP

IFP,FAU | Mentor Jan 2025 - Present
Arrival to Thrival, FAU | Event Management Feb 2025 - Present
Global Owl's, FAU | Managing Communication & Social Strategy Aug 2024 - Present
PACE Club, FAU | Recognition & Spotlight Content Strategist Sep 2024 - Present

CERTIFICATES

Machine Learning A-Z: AI - Python | supervised,unsupervised learning, deep learning, AI model Udemy, 2025
The Git & GitHub Bootcamp | Version control, branching strategies, pull requests Udemy, 2024
The Complete Python Pro Bootcamp | Python programming, automation, API integration Udemy, 2023
Full-Stack Web Development Bootcamp | React.js, Node.js, Express.js, and MongoDB. Udemy, 2023