

SAI TEJA

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EDUCATION

KENT STATE UNIVERSITY	Masters in Computer Science, Cumulative GPA : 3.83/4	Kent, OH - Dec 2024
<ul style="list-style-type: none">Coursework: Web Development, Machine Learning and Deep Learning, Design and Analysis of Algorithms, Big Data Analytics, Advanced Database System Design, Internet of Things (IoT), Computational Health Informatics, Digital Forensics.		
JNTUH	Bachelors in Computer Science, GPA : 8.1/10	India - Jul 2021

TECHNICAL SKILLS

- Languages:** Java, Python, C/C++, C#, JavaScript, Node.js, PHP
- Frameworks:** Spring Boot, Django, RESTful APIs, React.js, Next.js, AngularJS
- Databases:** MySQL, SQL Server, MongoDB, Snowflake
- Cloud & DevOps:** Azure, Kubernetes, Docker, Terraform, Helm, OpenShift, GitHub Actions
- Web Development:** HTML, CSS (Tailwind, Styled Components), JavaScript (React, Svelte, Vue), WordPress, SEO, UI/UX (Figma, Photoshop)
- Software Development:** Microservices Architecture, CI/CD Pipelines, Agile/Scrum, SaFE
- Testing & Automation:** Selenium, TestNG, Jest, Cypress, Integration & Acceptance Testing

WORK EXPERIENCE

KENT STATE UNIVERSITY	Kent, OH
Community Assistant: Student Engagement, Cultural Sensitivity, Event Coordination, Mentorship, Web Designing	July 2024 - Dec 2024
<ul style="list-style-type: none">Fostered technical mentorship to student teams, guiding them in developing digital solutions using Figma, Illustrator, Photoshop, and WordPress.Utilized Web Technologies to create an event registration system to streamline event coordination and participation tracking.	

KENT INDIAN ASSOCIATION	Kent, OH
President: Leadership, Project and Event Management, Public Speaking, Conflict Resolution, Adaptability, Strategic Planning	Jan 2024 - Dec 2024
<ul style="list-style-type: none">Supervised a diverse team of 25 graduates and undergraduates to successfully organize over 10 university-level events, engaging 600+ international and domestic students, fostering inclusivity and cultural exchange.Managed and updated WordPress-based event websites and landing pages, ensuring brand consistency and SEO best practices. Created and scheduled weekly digital signage and web content, increasing engagement by 1.5K followers.Administered event logistics, budget, planning, collaborations with other organizations and communications to ensure successful community events.	

DARK HORSE DIGITAL SOLUTIONS	India
Software Developer: Spring Boot, React.js, REST APIs, Kubernetes, Azure, Terraform, Helm	May 2021- Dec 2022
<ul style="list-style-type: none">Mastered Spring Boot and AngularJS concepts and implemented Model-View-Controller (MVC) architecture to improve the scalability by 30%.Worked in a SaFE Agile environment, delivering features in 2-week sprints and deployed containerized applications on Kubernetes, improving deployment efficiency.Designed and enforced 10+ POJOs to represent data structures, enhancing code modularity and maintainability.Engineered Data Access Objects (DAOs) and used JPA to interface with databases, ensuring efficient data retrieval and manipulation.Spearheaded REST APIs using Apache Camel and deployed on OpenShift to improve service response by 20% for clients in the UAE.Led the development and deployment of Aadhar seeding and PAN verification systems for 20,000+ users on IBM BPM, ensuring 100% uptime.Managed 7 policy lifecycle of insurance using IBM PaaS, creating services, assigning teams, and optimizing performance for multiple databases.	

DXC TECHNOLOGIES	India
Automation Testing Engineer: Selenium, TestNG, Java Script Unit Testing	Nov 2020 - May 2021
<ul style="list-style-type: none">Tested and constructed an innovative testing algorithm using Selenium and TestNG suite ultimately optimizing the test coverage and efficiency.Automated web page interactions using Selenium to retrieve YouTube video comments based on user input, showcasing 40+ user test case scenarios.Integrated TestNG with Selenium WebDriver to perform parallel testing, reducing overall test execution time by 30%.Collaborated with the QA team and contributed to CI/CD pipelines to create acceptance criteria and create test fixtures for a great development workflow.	

INTERNSHIP	
Smart Internz (in collab with IBM): AWS, S3, IBM Watson Assistant, IBM Watson Discovery, Node-Red	India, May 2020 - Aug 2020
<ul style="list-style-type: none">Developed an AI-powered chatbot using IBM Watson Assistant and Node-Red, improving customer query handling with over 80 prompts.Integrated advanced document understanding with IBM Watson Discovery, streamlining data extraction and improving query resolution accuracy by 75%.	

JP Morgan: Python, Nodejs, HTML, CSS, JavaScript	India, Jun 2019 - Aug 2019
<ul style="list-style-type: none">Gained hands-on experience in optimizing Financial Data Feeds, ensuring accurate and real-time data processing for improved decision-making.Conducted content audits to improve website structure, eliminate duplicate data, and optimize search visibility.	

PROJECTS

Portfolio Website : Figma, React, TypeScript, SASS, HTML, CSS, jquery, Bootstrap
<ul style="list-style-type: none">Built a responsive and interactive portfolio site using React, SASS, HTML, CSS, and jQuery to ensure a smooth browsing experience across devices.Designed an engaging user interface in Figma, focusing on intuitive navigation and clear content flow.Added a sleek transition banner using SASS to enhance visual appeal and improve the site's interactivity.Used CSS and Bootstrap to create a clean, mobile-friendly design that adapts seamlessly to different screen sizes.Organized my projects, skills, and experience in a clear, tetris-tile based layout, making information easy to find and navigate.

Memory Game : React, Vite, Java Script XML, Typescript, Tailwind CSS
<ul style="list-style-type: none">While exploring React, I created a fun little memory game project using React, TypeScript, and JSX, showcasing an interactive grid where players flip cards to match pairs and win.For an enhanced gameplay experience, I used React's state management, dynamic UI rendering and Web hooks.

Idea Book : Python, Django, Django REST Framework, Wamp, Web Technologies, MySQL Django ORM, Git
<ul style="list-style-type: none">Designed and implemented a robust database architecture using MySQL on a WAMP server, facilitating the storage and management of student and faculty records, with features for user authentication and data validation to ensure secure access to the web application.Built a collaborative idea-sharing platform for students and faculty using a full stack web app with Django and MySQL, integrating content management features for posting, commenting, and moderating discussions to ensure a user-friendly navigation experience.

No-Due Digitization : HTML5, CSS3, JavaScript ES6, Bootstrap, MySQL, and PHP for efficient functionality
<ul style="list-style-type: none">Created a web application with intuitive UI and deployed in collaboration with the incubation cell for streamlined no-due stamp processing, enabling students to submit queries online to various departments, significantly reducing wait times and improving operational efficiency for university.Implemented a unique query processing system that verifies stamp legitimacy through generated IDs, ensuring a seamless experience while enhancing the accuracy and speed of stamp issuance, ultimately facilitating timely access to hall tickets for students.