SUMAN PANTA

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EDUCATION

University of the Cumberlands, Williamsburg, KY   **Expected -Dec 2025**
Master's Program in Information Technology
Wentworth Institute of Technology, Boston, MA   **Dec 2021**
Bachelor of Science in Computer Networking
Related Courses: Databases, Web Design, Cloud Computing, Networking, Network and Linux Administration, Core Java, Data Visualization, Network Security, Data Science, Computer Architecture, System Design, Web Applications, Project Management

SKILLS & TECHNOLOGIES

Programming Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript, jQuery, Python, SQL, PL/SQL, R, Bash Scripting, Java
Web Frameworks/Libraries: React.js, Node.js, Express.js, Postman, Tailwind CSS, Flask, Bootstrap, Material UI, CSS Grid
Operating Systems & Servers: Windows (7/8/10/11/Server), Linux, Ubuntu, CentOS, MacOS, Fedora, Nginx, Apache
Cloud Platforms & Databases: AWS, Microsoft Azure, GCP, Oracle DB, MongoDB, Firebase, localStorage, MySQL
API Integration: Restful APIs, GraphQL, WebSocket, AJAX, Fetch API, Axios
State Management: Redux, Context API, React Hooks, Vuex
DevOps & CI/CD Integration: Terraform, Ansible, Jenkins, GitHub, Git, Babel, Webpack, Docker, Bitbucket, Containerization
Testing & Debugging: Jest, Mocha, Chrome DevTools, React + Redux DevTools, Postman, Lighthouse
UI/UX Design & Prototyping: Figma, AdobeXD
Networking: TCP/IP, HTTP, DNS, DHCP, VPN, SSL/TLS, VPC, EC2, API Gateway, OSI model, CDNs, Load Balancing, Containerization, Proxy, Reverse Proxy, Caching, Authentication, Microservices, REST

PROJECTS

Sentiment Analysis on Product Review | *Python ML, React.js, Node.js, Express.js, Naive Bayes*   **June 2025**
- Designed and deployed a full-stack sentiment analysis app using React, Node.js, and a Python-based Naive Bayes model.
- Processed real-world product reviews to classify sentiment with high accuracy using CountVectorizer and scikit-learn.
- GitHub Link: https://github.com/pantasuman6/Product-Review-SentimentAnalysis-PythonML

Spam Email Detector App | *Python ML, React.js, Node.js, Exoress.js, Naive Bayes*   **May 2025**
- Developed a full stack spam email detector app using React, Node.js, and a Python-based Naive Bayes model.
- Trained a Naive Bayes model with scikit-learn and deployed predictions using CountVectorizer and REST API integration.
- GitHub Link: https://github.com/pantasuman6/Spam-Email-Detector-with-ML

Weather App | *React.js, JavaScript, Axios*   **April 2025**
- Built a responsive weather application that fetches and displays real-time data using OpenWeatherMap API.
- Integrated Axios for API calls and managed UI state with React to update weather details based on user input.
- GitHub Link: https://github.com/pantasuman6/weatherapp

Contact Form in React | *React.js, Express.js, JavaScript, MySQL Workbench*   **May 2024**
- Developed a full-featured web contact form with React.js and backend with Node.js/Express.js.
- Implemented MYSQL Workbench as a database to store and retrieve form submissions.
- GitHub Link: https://github.com/pantasuman6/FormSubmission

QuizApp | *React.js, JavaScript, localStorage*   **Aug 2023**
- Developed an interactive Quiz App with multiple-choice questions using React state management.
- Implemented localStorage to persist user progress and quiz results across sessions.

Restaurant Database Design | *Oracle DB, SQL, Lucidchart*   **Aug 2020 - Dec 2020**
- Developed a comprehensive database schema using Lucidchart to design an ER diagram, mapping key attributes and relationships for optimizing data structuring.
- Developed and managed RDBMS and executed advanced SQL Queries for sales analytics.

WORK EXPERIENCE

Pine Street Inn, Boston, MA   **Feb 2022 - Present**
Helpdesk Specialist
- Provided comprehensive end-user support by identifying, diagnosing, researching, and resolving applications and networking issues, maintaining Windows patches and Antivirus, supporting remote workforce connectivity.
- Proficiently managed and prioritized tickets, administered Active Directory, and delivered adept support for Microsoft Office Suite and Intune MDM policies. Managed Group Policies in MS Products ensuring proper access control & security.
- Drove various projects such as the setup of Distribution Lists, Deployment of Antivirus Software, Network Infrastructure Upgrade, Conference Rooms Setup, Cloud Migration, IT Assets & Service Management, and SLA Compliance Monitoring.

Eisai G2D2, Cambridge, MA   **Jan 2021 - April 2021**
Junior System Administrator
- Executed day-to-day administrative tasks, participated in various projects, worked on creating EC2 instances, escalated the tickets to the vendors, worked on script for task automations, monitored Data guard reports and conducted in-depth presentation and research on log aggregation tools like Datadog & Grafana.
- Acquired proficiency in new DevOps technologies like Containerization and Kubernetes, gaining hands-on experience with cloud platforms (AWS). Successfully created Docker images, built it and deployed them on the test server EC2.
- Monitored and managed cloud infrastructure and applications using CloudWatch to address potential issues.