

MANI CHANDANA KANDUKURI

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EDUCATION

Master of Information Technology & Management

Expected May 2025

Specialization: Software Development

Illinois Institute of Technology, CGPA: 4.0/4.0

Chicago, IL

SKILLS

Programming Languages: Java, Ruby, Python, SQL, C, C#, JavaScript

Frontend Dev: HTML, CSS, React, Vue.js, Bootstrap, TypeScript, Tailwind CSS, Blazor, JSON, JWT

Backend Dev: Node.js, Express, Spring Boot, Next.js, Microservices, REST API, GraphQL API

Database & Tools: MySQL, PostgreSQL, MySQL, MongoDB, Eclipse, VS Code, NetBeans, Android Studio, Postman

Cloud & DevOps: Docker, Kubernetes, Azure, Azure DevOps, Git, GitHub, Jenkins, GitHub Actions

Proficient In: OOP, CI/CD, Agile Scrum, DBMS, Generative AI, Computer Networks

Soft Skills: Problem Solving, Team Collaboration, Critical Thinking, Communication, Adaptability, Time Management

Certifications: PCAP: Programming Essentials in Python

WORK EXPERIENCE

PROGRAMMER ANALYST

Oct 2022 - Jul 2023

Cognizant Technology Solutions, Hyderabad, India

- Built a responsive web application using React and Node.js, ensuring cross-browser compatibility. Utilized Redux for state management, React Router for navigation, and styled components for maintainable styling.
- Integrated PostgreSQL with optimized queries and built RESTful APIs, improving response time by 65% and supporting a 3x increase in concurrent users.
- Implemented CI/CD pipelines with Jenkins and GitLab, reducing deployment time by 80% and increasing release frequency from monthly to weekly, following Agile methodologies to boost delivery speed.

PROGRAMMER ANALYST INTERN

Mar 2022 - Oct 2022

Cognizant Technology Solutions, Remote

- Developed responsive UIs in React with efficient component design and integration and assisted in building and optimizing RESTful APIs using Express and MongoDB, improving data retrieval by 25%.
- Collaborated with senior developers to learn containerization with Docker, troubleshooting backend issues, gaining hands-on experience in backend tasks like API integration and streamlining workflows, resulting in faster development cycles.

DATA ANALYST INTERN

Jul 2020 - Sep 2020

Internship Studio, Remote

- Analyzed banking customer data using Python and machine learning (Logistic Regression, KNN, Naive Bayes, Decision Trees), boosting campaign effectiveness by 30%.
- Identified Random Forest as the optimal model, achieving 98.58% accuracy for marketing campaign prediction using Pandas, NumPy, and Scikit-learn.

PROJECTS

Elegance Clinic [Next.js, React, Tailwind CSS, MongoDB, TypeScript, Twilio]

April 2025 - May 2025

- Developed a **full-stack clinic management app** with appointment booking, dynamic service pages, and an admin dashboard using Next.js and MongoDB.
- Integrated Twilio SMS notifications and a **secure OTP-based** rescheduling system to enhance user experience and reliability.
- Designed responsive, reusable UI components with Tailwind CSS, ensuring scalability, fast load times, and cross-browser compatibility.

Personal Interactive Portfolio [Vue, Vite]

Dec 2024 - Jan 2025

- Built a **responsive portfolio website** using **Vue.js**, incorporating **dynamic routing** for smooth transitions and interactive navigation between key sections such as home, projects, education, and work experience.
- Adopted a **mobile-first design** using **Vue components** for a highly modular architecture, ensuring **automatic responsiveness** and **performance optimization** across a range of devices, with **custom CSS** for tailored styling on **mobile** and **desktop** views.

Task Manager

Sep 2024 - Oct 2024

- Developed a responsive Task Manager web application with features for creating, editing, searching, and deleting tasks, including a calendar view for visualizing tasks by date and a modal for detailed task management.
- Implemented interactive UI using vanilla JavaScript, HTML, and CSS, enabling real-time task updates, date validation, and dynamic filtering, enhancing user productivity and task organization.

Bank Transaction Management Application [JavaFX, MVC, XHTML, SQL]

Nov 2024 - Dec 2024

- Designed a secure & user-friendly **JavaFX** application using **MVC** architecture for managing financial transactions in a banking system, with role-specific functionalities for administrators, staff, and users.
- Integrated a responsive **GUI** using JavaFX components, resulting in a **50% reduction** in user navigation time and ensuring consistent experience across multiple devices.