

MANI CHANDANA KANDUKURI

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EDUCATION

Master of Information Technology & Management

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, Angular, Bootstrap, TypeScript, Tailwind CSS, UI / UX, JSON

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

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

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

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

Certifications: Amazon Junior Software Developer Professional Certificate, PCAP: Programming Essentials in Python

WORK EXPERIENCE

PROGRAMMER ANALYST

Oct 2022 - Jul 2023

Cognizant Technology Solutions, Hyderabad, India

- Engineered responsive web applications using **React** and **Node.js**, achieving full cross-browser compatibility. Utilized **Redux** for state management, **React Router** for navigation, and styled components for maintainable styling, resulting in a **30% reduction in UI-related bugs**.
- Integrated PostgreSQL with optimized queries and implemented **RESTful APIs**, reducing response time by **65%** and enabling the platform to support **3x more concurrent users**.
- Streamlined CI/CD workflows with Jenkins and GitLab, cutting deployment time by 80% and boosting release frequency from monthly to weekly. Worked with Agile Scrum teams, contributing to a **50% drop in post-deployment** issues and **4x faster product iterations**.

PROGRAMMER ANALYST INTERN

Mar 2022 - Oct 2022

Cognizant Technology Solutions, Remote

- Constructed responsive UIs in **React** with efficient component design and integration and assisted in enhancing **RESTful APIs** with **Express** and **MongoDB**, improving data retrieval speed by **25%**.
- Collaborated with 4+ senior developers to learn and implement **containerization** using **Docker**, while troubleshooting backend issues and **streamlining API workflows**, leading to a **20% improvement in sprint delivery speed** across 3 project cycles.

DATA ANALYST INTERN

Jul 2020 – Sep 2020

Internship Studio, Remote

- Analyzed banking customer data using **Python** and **ML algorithms** (Logistic Regression, KNN, Naive Bayes, Decision Trees), leading to a **30% improvement in campaign performance**.
- Delivered a predictive model using Random Forest **with 98.58% accuracy** for marketing campaign outcomes using Pandas, NumPy, and Scikit-learn.

PROJECTS

Elegance Clinic [Next.js, React, Tailwind CSS, MongoDB, TypeScript, Twilio] - [Visit Site](#)

April 2025 - May 2025

- Created a **full-stack clinic management** platform featuring appointment booking, interactive service pages, and an admin dashboard using Next.js and MongoDB, which handled 100+ test appointments/month and improved scheduling efficiency by 40%.
- 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] - [Visit Site](#)

Dec 2024 – Jan 2025

- Built a responsive portfolio website using Vue.js, with smooth client-side routing and navigation across key sections.
- 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 - [Visit Site](#)

Sep 2024 – Oct 2024

- Integrated a calendar view into the **Task Manager application**, visualizing tasks by date, and created a modal for detailed task management, which were the findings to fix the two biggest causes of low user engagement.
- Incorporated interactive UI using vanilla JavaScript, HTML, and CSS, enabling real-time task updates, date validation, and smart filtering, enhancing user productivity and task organization.

Bank Transaction Management Application [JavaFX, MVC, XHTML, SQL] - [GitHub](#)

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.
- Implemented a responsive **GUI** using JavaFX components, resulting in a **50% reduction** in user navigation time and ensuring consistent experience across multiple devices.