

NEIL MANDLIK

WORK EXPERIENCE

iMocha

Front End Developer Intern

September 2025 – December 2025

Skills Intelligence Platform

- Engineered new component workflows by orchestrating store, API, and UI layers, streamlining cross-component communication.
- Refactored and modularized large Angular components into generalized components, reducing duplication and improving scalability.
- Reduced workload **from an entire team to just 1–2 people** by pre-screening resume and streamlining the hiring process.

CraftAI

Backend Developer Intern

June 2025 – August 2025

Backend Analytics Application with Rollback and Drill Down

- Led backend development** for an analytics dashboard using MVC architecture
- Owned database design** with flexible SQLAlchemy ORM models; and delivered dynamic chart/table endpoints for interactive data exploration
- Cut reporting time from 2 days to under 30 minutes** by providing quick high priority insights and detailed reports as well.

480PS

Full Stack Developer Intern

June 2024 – January 2025

Product Lifecycle Tracker via QR Code identification

- Contributed to designing a responsive chatbot interface and adaptive sidebars using CSS media queries for the application.
- Implemented dynamic React Tables with editable and clickable cells.
- Used Redux for managing global state across modules.
- Reduced client update time from 2–3 hours to just a few seconds** by implementing automated notifications and QR-code based tracking.

PROJECTS

Syllabus Evaluator for University Curriculum

- Created a multi-agent AI system to analyze and compare university syllabi with accreditation body requirements.
- Configured agents for document parsing, semantic similarity scoring, and structured feedback generation with improvement insights.
- Cut-down accreditation evaluation time from 1 day to 10 minutes**, enabling universities to streamline reviews and make faster decisions

Airline Customer Support Chatbot

- Built a multi-agent chatbot using OpenAI API to handle ticket pricing/booking, voice responses, and destination image generation.
- Reduced dependency on human support by providing instant flight details and confirmations.

Assignment Submission and Monitoring System

- Led the project end-to-end**, building the full stack: frontend (HTML/CSS), backend (Flask), and middleware APIs
- Designed highly normalized SQL tables and MongoDB NoSQL collections.
- Enabled real-time assignment monitoring and automated evaluation features.
- The application is being built to support **3000+ students, 150 faculty members, and 30 administrators**, reducing faculty workload and **generating 200+ detailed reports** with aggregated insights for administrators.

SKILLS

Programming Languages: TypeScript, Python, JavaScript, Java

Web Development: HTML, CSS, React, Angular, Express.js, Flask, Node.js, Gradio, Redux, NgRX Signal Store

Networking & Security: JWT Authentication, Socket Programming

Cloud & DevOps: Microsoft Azure, AWS, Linux/WSL

Databases & Tools: MySQL, Microsoft SQL Server, SSMS, SQLAlchemy, Sequelize, BeautifulSoup

AI & Automation: OpenAI API

Security Tools: Nmap, Nikto, SQLMap

Version Control: Git, GitHub

Development Tools: VS Code, Postman, Python-dotenv, Virtual Environments

EDUCATION

MIT ADT UNIVERSITY

August 2022-Present

Bachelors in Technology (B.Tech), Computer Science and Engineering

GPA: 9.01

City International School

June 2020-May 2022

Junior College

Percentage: 93%

CERTIFICATIONS

- Infosys Machine Learning Certificate
- AWS Academy (Cloud Foundation, Cloud Deployment) Certificates
- Cisco Networking Basics Certificate