Mihir Konda

850-273-2335 | mihir.konda@gmail.com | linkedin.com/in/mihir-konda | github.com/mihircoding

EDUCATION

University of Maryland — College Park, MD
Bachelor of Science in Information Science — *Expected: December 2025*
- Relevant Coursework: Dynamic Web Applications, Technologies, User-Centered Design, Data Science Techniques

EXPERIENCE

Full Stack SWE Intern — June 2025 - August 2025
FrontLine Insurance — *Orlando, FL*
- Developed a full-stack time-tracking web application for employees to log and allocate hours across projects, streamlining internal operations.
- Built and integrated backend services with **Node.js** and **PostgreSQL**, ensuring secure and scalable data storage for sensitive insurance workflows.
- Leveraged **Windsurf** to integrate AI-driven automation into the workflow and management system, improving team productivity by 30%.

Quality Engineering Intern — May 2024 - August 2024
FrontLine Insurance — *Orlando, FL*
- Developed automated test scripts in **TypeScript** using Playwright for insurance claim filing and policy creation.
- Collaborated with cross-functional teams to integrate automated testing into CI/CD pipeline.
- Enhanced testing efficiency for claim systems reducing manual testing efforts.

Software Development Intern — May 2022 – August 2022
Cognitive GeoInterpretation Inc. — *Tallahassee, FL*
- Collaborated with teams to streamline data processing and enhanced efficiency of seafloor mapping.
- Played a pivotal role in interpreting complex data sets through generating graphs with Python.
- Leveraged machine learning techniques (**XGBoost**) to analyze unknown terrain and ocean temperature data.

PROJECTS

Sign Language Detection Application | *scikit-learn, NumPy, Open-CV* — December 2023 – April 2024
- Built a real-time ASL recognition tool via webcam input.
- Evaluated multiple classifiers (Random Forest, Logistic Regression Neural Networks etc.) for performance.
- Tagged and labeled 2000+ images using on-premise computing to enhance model accuracy.

Clinical Billing Application | *jQuery, Node.js, SQL* — May 2023 – August 2023
- Created a webpage with integrated frontend and backend solutions to ensure efficient billing processes.
- Streamlined patient record management and procedure tracking for a local clinic.
- Collaborated with clinic staff to understand their workflow requirements.

FRAMEWORKS AND LANGUAGES

- **Languages:** Python, Java, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks & Libraries:** React, Node.js, jQuery, scikit-learn, OpenCV, Tesseract
- **Data & Analysis Tools:** Pandas, NumPy, Matplotlib
- **Databases:** PostgreSQL
- **CI/CD:** Git, Jenkins
- **AI tools:** Windsurf, Loveable, Co-pilot

CLUBS

Python Lead at BigThinkAI | — September 2023 - May 2024
- Conducted weekly Python sessions focusing on machine learning and data science concepts for students
- Coordinated a machine learning workshop at one of the largest hackathons in the northeast (Bitcamp)
- Guided students in developing a project during the workshop providing mentorship and technical support