Abbas Hussain Muzammil

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EDUCATION

Cleveland State University   **May 2023 - Dec 2024**

Master of Science, Computer Science
- **GPA:** 3.7 / 4.0
- **Achievements:** Overall GPA: 3.7 / 4.0

EXPERIENCE

Hepium   **Sep 2024 - Present**

Software Engineer Intern   *Remote, USA*
- Led the development and enhancement of 10+ front-end features, improving user experience by 30% and achieving a 25% increase in functionality efficiency using ReactJS modern front-end practices.
- Improving page load times and reducing resource usage by 20%, contributing to overall product efficiency and scalability
- Partnered closely with the founding team to ensure the maintainability of the codebase by implementing best practices and introducing modular components, contributing to long-term product sustainability and timely delivery of feature rollouts.

PROJECTS

Android App (Initial Stage)

Flashlight Lumos
- Developed Flashlight Lumos, a feature-rich Android app with minimal battery usage, a Harry Potter-inspired theme, and a clean, minimalistic UI, using Java, Android SDK, XML, and Camera API.
- Published on Google Play Store: Flashlight Lumos, with future plans to integrate voice activation, an SOS emergency mode, and a home screen widget for quick access.

Web App

Weatherly
- Built Weatherly, a weather forecast web application using HTML, CSS, JavaScript, React.js, and API calls, featuring a user-friendly and unique interface.
- Optimized performance, reducing data retrieval time by 50%, and delivering accurate weather updates for any region in seconds.

Web App

Community SOS
- Built Community SOS, a vibrant web platform for individuals to seek and offer voluntary help, using JavaScript, React.js, Supabase, Next.js, Tailwind CSS, Auth0, and Google Maps API for secure authentication and event location mapping.
- Achieved recognition with the Best Use of React.js award at HackPSU under MLH.

Android App

BMI
- Developed a Body Mass Index (BMI) Android App in Kotlin using SharedPreferences APIs, optimized for user accessibility, responsiveness, and compatibility across various Android devices and screen sizes.

Machine Learning Model

My Heart
- Developed a Machine Learning model to predict heart disease with 98% accuracy, leveraging Bio-Inspired algorithms and Python.

SKILLS

- **Languages:** Java, JavaScript, Haskell, SQL, REST API, Python, C/C++
- **Databases & Libraries:** MS SQL Server, SQL, ReactJS, Pandas, Numpy, Scikit-learn, Seaborn, Matplotlib
- **Frameworks & Technologies:** Linux, Git, GitHub, NodeJS, Vercel, Visual Studio, MS Office Suite
- **Methodologies & Disciplines:** CI/CD, AI, Cloud Technologies

ACTIVITIES AND AWARDS

Won Hackathon
- Awarded at HackPSU Spring 2024: devpost.com/software/communitysysos