

Abbas Hussain Muzammil

Masters in Computer Science

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EDUCATION

- **Cleveland State University**
• *Master of Science - Computer Science; Overall GPA: 3.7 / 4.0*

Ohio, USA

May 2023 - Dec 2024

EXPERIENCE

- **Hephium**
• *Software Engineer Intern*
 - Led the development and enhancement of 10+ front-end features, improving user experience through an increase in functionality efficiency using ReactJS, tailwindCSS, TypeScript and other modern front-end practices.
 - 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 application vision and timely delivery of feature rollouts.
 - Engineered highly responsive and pixel-perfect UI components by meticulously aligning elements to match design specifications, ensuring seamless cross-device compatibility and enhancing visual consistency across the platform.
 - Optimized layout structures and state management by refining component positioning, improving rendering efficiency, and leveraging best practices in ReactJS and TailwindCSS, leading to faster load times and a smoother user experience.

Remote, USA

September 2024 - Present

PROJECTS

- **Weatherly | Web App:** Built Weatherly, a weather forecast web application using HTML, CSS, JavaScript, ReactJS, 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. weatherly-one.vercel.app
- **Community SOS | Web App:** 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.
 - www.communitysos.tech
- **BMI | Android App:** Developed & Published 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.
 - <https://play.google.com/store/apps/details?id=com.hephium.bmicalculator>
- **My Heart | Machine Learning Model:** Developed a Machine Learning model to predict heart disease with 98% accuracy, leveraging Bio-Inspired algorithms and Python.
 - github.com/Abbas-Hussain-Muzammil/Heart-Disease-Prediction-System

SKILLS

- **Languages:** Java, JavaScript, C, SQL, REST API, Python, C/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, AWS, gRPC.

ACTIVITIES AND AWARDS

- **Won Hackathon - Awarded at HackPSU Spring 2024:** devpost.com/software/communitysos
- **Blogging at Medium.com :** medium.com/@abbashussain2399
- **Blogging at Hashnode:** hashnode.com/@abbasblogs
- **Articles at LinkedIn:** [linkedin.com/in/abbas-hussain-muzammil](https://www.linkedin.com/in/abbas-hussain-muzammil)