Abbas Hussain Muzammil

Masters in Computer Science

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EDUCATION

Cleveland State University — Ohio, USA
Master of Science - Computer Science; Overall GPA: 3.7 / 4.0 — *May 2023 - Dec 2024*

EXPERIENCE

Umee (Ehsan & Co., LLC) — Remote, USA
Full Stack Mobile Developer — *February 2025 - Present*

- Utilizing AWS services to support backend integration and ensure scalability for mobile app features by triggering lambda functions through AWS Amplify.
- **Tech:** Flutter, dart, TypseScript, AWS Lambda, AWS Amplify, Android

Hephium — Remote, USA
Software Engineer Intern — *September 2024 - January 2025*

- 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.

PROJECTS

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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.

- Won HackPSU Spring 2024 for the Best Use of ReactJS. **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**

SKILLS

- **Languages**: Java, JavaScript, TypeScript, 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, Figma, 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