| **Ernest Michael Dicks**  Software Engineer | |
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| SUMMARY Detail-oriented software engineer with experience in full-stack web development. Passionate about creating innovative and effective applications. Seeking opportunities to utilize and enhance my skills with a tech company that has a global reach. WORK EXPERIENCE **React Developer at LUX Interactive, Troy, MI** August 2022 — May 2023  * Developed dynamic user interface for various platforms using reusable, high-quality code * Collaborated with project managers and senior developers to plan work, share ideas, troubleshoot, and fix bugs * Optimized front-end elements to enhance performance across different devices and browsers * Assisted team members in maintaining architectural compliance, ensuring functional accuracy, and adhering to appropriate industry standards * Built reusable components and front-end libraries for future use * Translated designs and wireframes into high-quality code * Maintain, service, and handle all incoming inquiries from clients, utilizing a strong understanding of web development and web technologies to troubleshoot technical issues with the products. * Fully learn and understand the client requirements to effectively support clients and identify opportunities for product enhancements. * Relate bugs and needed fixes to the web development team and relay client feedback to enhance products and services. * Utilize strong time management and multitasking skills in a fast-paced environment. * Attend regular client and internal MS Team meetings to discuss project progress and identify areas for improvement.  Front End Engineer at Waste Management, Houston, TXJuly 2021 — August 2022  * Proposed and implemented UI modifications and enhancements for the Android Driver Assistant Mobile Application used by 24,000 drivers across the country * Maintained availability for critical matters and troubleshooting of the Driver Assistant Mobile Application 24/7/365 * Utilized AWS Kinesis and S3 in the Driver Assistant Application to upload GPS payloads, images, route information, and customer order information to the cloud * Co-led an effort to integrate Third Eye Gateway with the Smart Truck On-Board Unit, enabling a rolling data platform on the device and increasing revenue by 50%, in addition to upgrading the driver workflow to a touchless experience * Contributed to the Third Eye Gateway code integration into the Driver Assistant Application by configuring API calls using RxJava to facilitate two-way communication between the two applications * Worked with cross-functional business teams to translate and document technical requirements for project launches and deliverables   **Recent Projects:**  **CryptoWatchlist (FullStack React Web App)** – Users are authenticated when creating a new account and can save and/or delete their crypto coins to their watchlist that can be viewed under their account.  **Netflix (Full Stack React Web App)** – Users are authenticated when creating a new account and can save and/or delete their favorite movies or tv shows from their account. Users can only view their favorite movies or tv shows if signed in.  **Believe, Trust, and Change Counseling (WordPress)** - Users are able to view counseling information related to Abuse, Domestic Violence, Anger Management, Grief/Loss and many other topics that will help them make the change they desire.  **Other Projects:**Todo List, Expense Tracker, Hangman, Spotify, Twitch, WeatherApp Freelance Web Developer | Detroit, MI October 2020 — July 2021   * Created full-stack web applications and static websites for small and medium-sized businesses, consulted on SEO and social media strategy. Clients included:   Believe, Trust, and Change Counseling Programmer at State of Michigan–Unemployment Agency | Detroit, MI February 2020 — September 2020   * Assessed tickets submitted by employers and UI claimants, reviewed issue letters, and transferred relevant information into a development environment to correct discrepancies and ensure problem resolution * Made code changes to unemployment documents populated by VB.NET code * Managed code changes to the back-end database by querying the database to validate documents using the Gentax software, SQL(SMSS), VB.NET, and Visual Studio  Process Control Engineer at US Steel | Ecorse, MI February 2019 — October 2019   * Improved the user interface (UI) of an application that provides iron heat level information for Argon Alloy Model Operators using NetBeans, SSMS, and Java. * Utilized ThingWorx to transform an asp.net webpage into a smart table, enhancing data visualization for safe iron production. * Led the conversion of Prowler, an energy management system that monitors energy consumption and spending, into a smart table to improve data display for Boiler House gas usage using Thingworx, Pi tags, Pi ProcessBook, and Excel. * Developed a Windows service by converting a C# program to run a Thermo Scientific ARL Spark analysis, resulting in more efficient laboratory results.  Solutions Developer at Miracle Software Systems | Novi, MI February 2018 — January 2019   * Supported the development of an Application Programming Interface (API) to monitor inventory delivery using JavaScript and the MEAN Stack (MongoDB, Express.js, Angular, Node.js), and deployed the system using Docker containers. * Built, tested, and scaled applications within Cloud Foundry, ensuring fast and seamless product delivery. | CONTACT 313.269.0176 [ernestdicks015@gmail.com](mailto:ernestdicks015@gmail.com)  [https://www.linkedin.com](http://null)  [/in/ernest-dicks](http://null)  <https://edev.netlify.app/> SKILLS HTML  CSS  Javascript  React  SOAP/REST  HTTP  SQL  XML  Flexbox  AWS  Solidity  Hardhat  MongoDB  Azure  Python  Ruby  OOP  Web Accessibility  .NET  C#  Java  Node Js  Android  RxJava  Splunk  DataDog  **EDUCATION**  **North Carolina A&T SU**  2010 - 2015  Bachelors in Computer  Science  **Ethereum Blockchain Bootcamp**  Relevant courses: Solidity, EtherJs,  Hardhat  **The Break Into Tech Blueprint**  Relevant courses: Responsive  Web Development, Ruby, Python:  Data Visualization  **Grand Circus**  C# .NET Bootcamp |
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