

# ERNEST MICHAEL DICKS

WEB DEVELOPER | [HTTPS://EDEVPORTFOLIO.NETLIFY.APP](https://edevportfolio.netlify.app)

## EXPERIENCE

### Full Stack Web Developer

July 2023 - September 2023 | Coder Foundry, Kernersville, NC

Transitioning to the .NET Tech stack including ASP.NET, C#, MVC, and PostgreSQL

- Built 3 Full Stack Apps with ASP.NET Core MVC using Bootstrap, JavaScript and HTML backed with Postgres databases
- Worked with CI/CD with GitHub
- Built several Front-End apps with Vanilla JavaScript
- Published sites to Netlify and Railway
- Worked quickly and efficiently to meet weekly industry level deadlines
- Built a Full Stack App backed with PostgreSQL database. ContactPro is contact book app allows register users create contacts and assign their contacts to various categories.
- Built a Full Stack App backed with PostgreSQL database. Notary is a Blog App that allows registered users to create blog posts. If a user is not registered they are allowed to view blog posts only.
- Built a Full Stack App backed with PostgreSQL database. Valkirya BugTracker is a bugtracker system that allows registered users to track and manage their company tickets and project. All Projects have tickets associated with them which include ticket attachments and ticket history to get a updated view on the ticket and project. Users are allowed to send Company Invites to collaborate with other developers and project managers.

### React Developer

August 2022 - May 2023 | LUX Interactive, Troy, MI

- 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

## CONTACT



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## SKILLS

- ASP.NET
- C#
- Javascript
- MVC
- HTML
- CSS
- Flexbox
- React
- Azure
- SOAP/REST
- SQL
- Node Js
- Python
- HTTP
- XML
- AWS
- Solidity
- Hardhat
- MongoDB
- Ruby
- OOP
- Web Accessibility
- Java

- 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.

- Android
- RxJava
- Splunk
- DataDog

## Front End Engineer

July 2021 - August 2022 | Waste Management, Houston, TX

- 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

## Web Developer

October 2020 - July 2021 | Freelance, Detroit, MI

- Created full-stack web applications and static websites for small and medium-sized businesses, consulted on SEO and social media strategy
- 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.

Clients included:

Believe, Trust, and Change Counseling

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.

Other Projects: Todo List, Expense Tracker, Hangman, Spotify, Twitch, WeatherApp

## Programmer

February 2020 - September 2020 | State of Michigan, Detroit, MI

- 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

February 2019 - October 2019 | US Steel, Ecorse, MI

- 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

February 2018 - January 2019 | Miracle Software Systems, Novi, MI

- 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.

## EDUCATION

### Bachelors in Computer Science

January 2015

North Carolina A&T, SU

**Completed coursework towards Ethereum Blockchain Bootcamp  
in Ethereum Blockchain**

ChainShot, Remote

**Completed coursework towards Responsive Web Development,  
Ruby, Python in Web Development**

Skillcrush, Remote

**Grand Circus C# .NET Bootcamp in .NET/C#**

Grand Circus, 1570 Woodward Ave Level 3, Detroit, MI 48226