Timothy Harianja

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WORK EXPERIENCE

Northwest Bank   **September 2020 – Present**
Software Developer   *Buffalo, New York*
- Maintain and develop internal applications including a content management system called Nautilus (OnBase) which is used to handle documents through workflow life cycles.

PT Adicipta Inovasi Teknologi   **June 2019 – August 2019**
Software Developer Intern   *Jakarta, Indonesia*
- Developed an ASP.net application for a client financial company (MPMX) with over a million dollars in annual revenue.
- During the internship, the app automated the generation of 22 legal documents using SQL stored procedures and RDLC.
- Redesigned and managed the SQL database structure to match the client's requirements, business system and products.

RECENT PROJECTS

Momenify   **January 2020 – May 2020**
Social Media Website
- Deploy an Instagram-Like social media website, using React, Node.js, Express, Socket.IO, AWS and more, that allows users to create posts (text, pictures, videos), comment on posts, search posts with filters, and live chat with other users.
- Develop and evaluate an interactive and easy-to-use UI, which includes a mobile-friendly design and an infinite scrolling system, the latter both from scratch and with a react-infinite-scroll library.
- Connect React to the back end using Axios and perform CRUD actions to the MongoDB database using mongoose.

Crown Clothing (https://github.com/Timothy-Harianja/crwn-clothing)   **December 2019 – September 2020**
E-commerce Website for Clothing
- Maintain latest React best practices and design patterns for file structure, naming conventions, and reusable components.
- Manage the state of the application with Redux-Saga and implement user account and google authentication with Firebase.
- Utilize Higher-Order Components and styled-components to wrap and extend loading spinner functionalities.

UBNetDef (Remote Deployment Software)   **January 2020 – May 2020**
Team Project Management
- As project manager, led a team of developers for a Python app that deploys and installs modules to remote hosts.
- Utilized Git, Zenhub, and Agile methodologies to manage the project, including through weekly meetings with team members and weekly reports to the professor (Lead Project Manager), ensuring accountability.
- Distributed tasks effectively by leveraging each individual's strengths and acknowledging weaknesses.

EDUCATION & CURRICULAR ACTIVITIES

University at Buffalo   **August 2016 – May 2020**
BS, Computer Science   *Buffalo, New York*
- 3.2/4.0 GPA
- Student Leader of Bridges International   August 2018 – Present
- Secretary of Indonesian Student Association (Permias)   August 2018 – May 2019

SKILLS & INTERESTS

- **Programming Languages:** JavaScript, HTML, CSS, SQL, Python, Java, C#, C++, OCaml
- **Frameworks, Libraries and Tools:** React, Redux, Redux-Saga, Node.js, Express, ASP.NET, GraphQL, MongoDB, Git
- **Protocols and Practices:** Agile Development, Scrum, MVC, Mobile responsive, RESTful API, Caching, Flexbox, Grid.

CERTIFICATES/ONLINE COURSES

- Complete React Developer in 2020 by Andrei Neagoie, Yihua Zhang on Udemy   Dec 2019 – Sept 2020
- Microservices with Node JS and React by Stephen Grider on Udemy   Nov 2020 - Present