

Timothy Harianja

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RECENT PROJECTS

Momenify (<https://momenify.com>)

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 – Present

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.
- Develop users' carts persistence using redux-persist which allows access to browser's local storage and session storage.

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.

WORK EXPERIENCE

PT Adicipta Inovasi Teknologi

June 2019 – August 2019

Software Developer

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.

Information Technology, University at Buffalo

December 2017 – June 2018

Computing Site Consultant

Buffalo, New York

- Provided customer service to over 150 students daily including computing, printing and troubleshooting.
- Averaged 12 hours per week during the academic terms.

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
- Secretary of Indonesian Student Association (Permias)

August 2018 – Present

August 2018 – May 2019

SKILLS & INTERESTS

- **Programming Languages:** JavaScript, HTML, CSS, SQL, Python, Java, C++, OCaml
- **Frameworks, Libraries and Tools:** React, Redux, Redux-Saga, Node.js, Express, Sass, Bootstrap, MongoDB, Git, Heroku
- **Protocols and Practices:** Agile Development, Scrum, MVC, Mobile responsive, Flexbox, Grid, RESTful API, UI/UX analysis

CERTIFICATES/ONLINE COURSES

- Web Developer Bootcamp by Colt Steele on Udemy

May 2018 - Sept 2019

- Complete React Developer in 2020 by Andrei Neagoie, Yihua Zhang on Udemy

Dec 2019 – Present