

TARCISIUS DANIEL HARTANTO

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Work Experience

Hx0Ventures (Stealth Startup)

Seattle, Washington, USA

Python, Typescript, Django, PostgreSQL, React, Docker, Amazon Web Services (AWS), Github, Git

Fullstack Software Engineer

December 2024 - May 2025

- Developed backend applications to build RESTful APIs for core user features and authentication, integrating them to the UI.
- Created reusable, dynamic, and interactive dashboard components for visualizing datasets of approximately 150 - 200 tuples.
- Ensured mobile responsiveness of the in-progress product based on feedback from 5–8 key stakeholders
- Dockerized the backend server for consistent deployment across different environments.
- Implemented Github Action to automate testing on every push to the GitHub repository.
- Utilized AWS services for CI/CD pipelines, deployment, and secure configuration management.

Relaymile

Seattle, Washington, USA

Figma, Github, ReactJS, CSS, Styled-Components, Python

Software Engineer Intern

March 2021 – June 2021

- Enhanced the company's web pages to fit multiple screen resolutions while maintaining accessibility standards.
- Engineered the UI for a new live-chat feature to enable responsive communication between the players of the industry.
- Initiated and developed an internal CSS framework to be adopted as the company's UI style development guideline.

CODEX by Telkom Indonesia

Jakarta, Indonesia

Zeplin, Github, ReactJS, Redux, MaterialUI, Cypress

Software Engineer Intern

July 2019 – September 2019

- Engineered and improved search accuracy level of the HR internal tool, increasing job application process efficiency.
- Created reusable global UI components for the whole project, leading to a faster and cleaner development process.
- Integrated end-to-end testing and established detailed metrics for the happy and unhappy paths.

Skills & Technical Knowledge

- **Programming Languages:** Java, JavaScript ES8, HTML, CSS, Python, SQL, Dart, C
- **Web Technologies:** ReactJS, Redux, ExpressJS, Python Flask, Django, NodeJS, MySQL, Bootstrap, Material UI, Tailwind CSS, Heroku, MongoDB, PostgreSQL, Git, Docker
- **Mobile Technologies:** Flutter, Java SDK
- **Cloud System:** AWS, Google Cloud Platform

Projects

Restaurant Online Ordering Application

October 2023 - December 2023

<https://restaurant-frontend-cs5610-gp.herokuapp.com/>

- Created a restaurant online ordering system using **MERN stack**, and deployed backend and frontend system using **Heroku**.
- Spearheaded the whole project with a team of 4 people, including wireframe sketches, data-flow design, and implementations.

Northeastern Carpool Application

March 2023 - May 2023

<https://github.com/tarcisiusdaniel/carpool>

- Designed and engineered an Android mobile application that provides people in Northeastern University with carpool services using **Flutter, Firestore, and Google Cloud APIs**.

Event Management

October 2024

<https://github.com/tarcisiusdaniel/Event-Management>

- Created backend system with **Django and PostgreSQL** that manages events, users, and registrations
- Deployed the application using **Docker and AWS (EC2, CodeDeploy, CodeBuild, CodePipeline, Parameter Store, ECS, ECR)**

Education

Northeastern University – Seattle, Washington

January 2022 - August 2023

Master of Science in Computer Science

3.83

Major Coursework:

Program Design Paradigms, Database Management Systems, Web Development, Foundations of Software Engineering, Foundations of Artificial Intelligence, Mobile Application Development, Data Structure and Algorithms, Fundamentals of Cloud Computing

University of Washington

September 2018 - December 2020

Bachelor of Science in Computer Science

3.41

Major Coursework:

Data Structures and Algorithms I & II, Software Engineering, Analysis and Design, Database Systems, Computer Networking, Computer Simulation, Operating Systems, Cloud Computing, Usability and User-Centered Design, Web Programming and Applications, Introduction to Artificial Neural Networks, Introduction to Artificial Intelligence