ZAINEB MAREDIYA

(409) 293-9387 | zmarediya@outlook.com | Github | LinkedIn | Portfolio

SKILLS

Javascript | React | Redux | Node.js | HTML | CSS | Python | Flask | SQLAlchemy | Alembic | Express.js | Sequelize| PostgreSQL | SQLite | Socket.IO | AWS S3 | Jest | Mocha | Chai | Render | Docker | Git | TDD | OOP | JIRA | Confluence | Smartsheet |LucidChart

SOFTWARE ENGINEERING EXPERIENCE

PROJECTS

App Academy Capstone Project | BookNook (Goodreads Cloned Site)   Live | Github Repo

- Enforced proper authorization and authentication prior to permitting any user actions to ensure data security across the app
- Utilized kanban boards and Test Driven Development to track project deliverables and ensure functionality prior to deployment

Full Stack React/Flask Group Project | PixelPal (Discord Cloned Site)   Live | Github Repo

- Collaborated with a team of four engineers practicing SCRUM methodologies to design and deploy full stack application features utilizing SQLAlchemy for database creation and Flask framework for data processing.
- Leveraged WTForms for user security and authentication
- Designed RESTful API endpoints for Create, Read, Update, and Delete operations for users, friends, servers, channels, messages,and reactions

Full Stack React/Express Project | Homeostasis (AirBnb Cloned Site)   Live | Github Repo

- Utilized Express.js as the web application framework and Sequelize as the Object Relational Mapping (ORM) to allow user interaction with the relational database
- Created and integrated the frontend utilizing React for DOM manipulation and Redux to implement a state-based design.
- Stylized the frontend with CSS to match wireframe specs and uphold general design standards and modern best practices

PROJECT MANAGEMENT EXPERIENCE

Xealth

Software Implementation Manager   June 2021 - May 2022

- Oversaw software implementations for five clients simultaneously, facilitating discussions with client about workflow design in order to successfully transition from a concept proposal to a use case specification using Agile principles
- Monitored project progress weekly against milestones and tracked issues and risks to resolution. Effectively communicated project status and risk management strategy to client leadership monthly.
- Restructured New Hire Onboarding training materials reducing training timelines for new hires by two weeks

Epic Systems Corporation

Software Implementation Manager   February 2019 – February 2021

- Led five concurrent projects stretching 6 – 18 months through full project life-cycles by implementing and executing operational processes in an organized manner. Successfully completed three projects with less than 85% budget utilization
- Provided qualitative and quantitative analysis, KPIs, and metrics of the application performance to ensure Epic software increased end-user efficiency by a minimum of 50% compared to legacy system
- Independently implemented risk mitigation strategies for seven projects flagged as high-risk, with four projects successfully meeting project timelines, and three projects delayed by two weeks or less. All seven remained under expected budget

EDUCATION

APP ACADEMY ONLINE

Full Time Program Enrollment   October 2022 - April 2023

THE UNIVERSITY OF TEXAS AT AUSTIN

Bachelor of Science, Biology; Genetics and Genomics   May 2018

- Recipient of Benjamin A. Gilman Scholarship and Texas Institute of Discovery Education in Science (TIDES) Fellowship