

ZAINEB MAREDIYA

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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](#) | April 2023

- Developed an application adhering to RESTful principles, leveraging Express.js for efficient and scalable API design
- Completed frontend development using the ReactJS framework, CSS, and HTML to create a responsive web interface
- Applied Test-Driven Development (TDD) principles to ensure robust code quality, writing comprehensive unit tests before implementing new features and maintaining a high standard of software reliability

Full Stack React/Flask Group Project | PixelPal (Discord Cloned Site) [Live](#) | [Github Repo](#) | March 2023

- Collaborated with a team of four engineers, applying SCRUM methodologies, to design, deploy, and integrate full-stack application features
- Proficiently used Git version control to manage and track code changes, ensuring efficient collaboration and streamlined development workflows
- Utilized SQLAlchemy for database creation and harnessed the Flask framework for data management and processing

Full Stack React/Express Project | Homeostasis (AirBnb Cloned Site) [Live](#) | [Github Repo](#) | February 2023

- Developed and integrated the frontend using ReactJS for DOM manipulation and Redux for state management, enabling a robust and scalable state-based design
- Implemented CSS to stylize the frontend according to wireframe specifications, adhering to design standards, and incorporating modern best practices
- Used MapBox API to integrate an interactive and customizable map

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, tracked issues and risks, and effectively communicated updates to client leadership

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