

Sirasit Punnanithi

Software Engineer

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TECHNICAL SKILLS

Programming Languages | Python 3, Javascript ES6+, HTML5, CSS, SQL

Front-End | React, Redux Toolkit, Bootstrap, Tailwind CSS, DOM manipulation, Websockets

Back-End | Django 4, FastAPI, PostgreSQL, MongoDB, RabbitMQ, Apache Kafka

System Design | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing, Continuous Integration/Continuous Delivery (CI/CD)

APPLICATION DEVELOPMENT EXPERIENCE

PlayBoxx | gitlab.com/playboxx/play-boxx 2023

Browser game application | Full-stack software engineer

- Instituted a robust user authentication using JWTdown library and Redux to enable secure user access and prevent unauthorized use which improves overall security and user experience.
- Collaborated with a cross-functional team to integrate a third-party Trivia API into a quiz game resulting in an entertaining and engaging user experience.
- Successfully deployed the application frontend on GitLab Pages and backend on CapRover, allowing users to quickly access the application with the correct URL from the web.

Cartropolis | gitlab.com/spunnanithi/cartropolis 2023

Car dealership application | Full-stack software engineer

- Integrated data sharing between two microservices by introducing data polling to reliably communicate data while building a RESTful microservice API.
- Created endpoints for a RESTful Django microservice API to communicate with the front-end to effectively transfer data between the front-end and back-end.
- Enhanced user experience by integrating React to build a fast and responsive single-page application for increased user interactability.

Conference GO | gitlab.com/spunnanithi/conference-go 2023

Conference management application | Full-stack software engineer

- Incorporated weather information and location-based picture through use of third-party APIs to provide users the ability to access the weather and picture of each specific conference location.
- Refactored the code by modifying the Django view functions to ensure other developers can contribute to the application following the RESTful API convention.
- Introduced Docker by creating Dockerfiles to allow developers to test and deploy the application.

PROFESSIONAL EXPERIENCE

Academic Dermatology of Nevada | Medical Assistant, *Las Vegas, NV* 2021-2022

- Educated 25-30 patients daily by clearly and effectively explaining complex medical information to ensure patient has a clear understanding of their conditions and treatment plans.
- Assisted physicians during surgeries to enhance patient outcomes through various tasks such as preparing instruments, maintaining a sterile environment and providing support during procedures.

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate 2023

EMS Training Center of Southern Nevada | Emergency Medical Technician Certificate 2021

University of Nevada, Reno | Bachelor of Science: Community Health Sciences: Kinesiology 2019