Xila Luna

Xila Luna is a creative full-stack engineer who is willing and able to find solutions when there are none.
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Education

Dominican University of California   San Rafael, CA
B.S. Applied Computer Science   Aug 2020 - July 2022

Skills

Languages: JavaScript (ES6), Python, Go Lang, TypeScript, HTML, CSS
Technologies: Node.js, React.js, Next.js, Express.js, jQuery, Flask, REST API, JSON Web Token (JWT), Colly, Gin, Git, Docker, Tailwind, Material UI, Bootstrap, AWS
Databases: SQL, MySQL, SQLite, MongoDB, PostgreSQL, AWS S3

Experience

Co.Lab - (MongoDB, Express.js, React.js, Node.js, Redux, JWT)   Remote
Full Stack Engineer • Fulltime   Jun 2022 - Aug 2022
• Collaborated with a project manager, designer, and one other developer to create a full-stack application.
• Developed all of the API routes for the backend and added error handling for each request.
• Dockerized frontend and backend for the deployment of the application.
• Integrated authentication and authorization via JSON Web Tokens resulting in a secure login system.

Ade Luna Construction - (Python, Flask, Handlebars, SQLite, Flask-Mail)   Oakland, CA
Full-Stack Engineer • Freelance   Sep 2020 - April 2022
• Developed server-side rendered website for the company.
• Integrated Flask-Mail to send emails back to users who requested project estimations.
• Increased customer growth by 20% after the web application was created.
• Used bootstrap framework for front-end styling of the application.

BoringStocks - (Vanilla JavaScript, HTML, CSS)   Remote
Backend Engineer • Freelance   Jan 2021 - Mar 2021
• Collaborated with a team of 4 developers, and used git to manage our commits and contributions.
• Connected the front end to our API resulting in the ability to display stock data
• Used agile methodology within the team, to manage tasks and responsibilities.

Projects

Fentanyl Epidemic Tracker - (Go, Colly, Gin, MongoDB, Chart.js)
A Go scraper pulls data from articles that pertain to fentanyl to follow the fentanyl epidemic trend.
Source Code: https://github.com/xilaluna/fentanyl-epidemic-tracker
• Developed a scraper that can crawl a couple of hundred pages and look for the keyword "fentanyl".
• Scraper is executed by an API endpoint that was written using the Gin back-end framework.
• Scraped data is saved into a MongoDB database for later retrieval.
• Implemented checking of pagination numbers to increase the speed of the scraper.
• Achieved 16 stars on GitHub.