Corey Summa | Software Engineer

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Languages: *Javascript, Typescript, Python, HTML, CSS.*
Frameworks & Libraries: *Django, React, Express.js, Mongoose, Redux, Bootstrap CSS, JQuery, Axios, Swiper, Framer Motion.*
Tools & Platforms: *Figma, Trello, Git, VS Code, AWS Lambda, AWS Gateway, AWS S3 Bucket, VMware, Heroku, Netlify.*
Databases: *PostgreSQL, mySQL, MongoDB, DynamoDB.*

Professional Experience

Front-End Software Engineer - *Verosint | Austin TX, Remote | Apr 2024 - Present*
HTML | CSS | Typescript | React | RTK | D3Charts | Victory Charts | Playwright | Jira | GitLab | MUI

- Parsed user data and leveraged various chart libraries for custom data visualization, resulting in **50% more user activity** on the user account details page.
- Restructured pre-existing systems for rule setting utilized for fraud detection, aligning with business needs to elevate and simplify the overall user-experience.
- Delivered a new onboarding flow for users that resulted in an **89x increase in leads, 9% increase in click through rates,** and **11x increase in web traffic.**
- Added **E2E tests** for new features to ensure scalability and reliability.
- Innovated logic for prefetching data for link validation to display **dynamic content**.

Freelance Software Engineer - *Contract | Austin TX, Remote | Oct 2023 - March 2024*
Developed a Chrome extension, automating key operational tasks:
HTML | CSS | Javascript | Puppeteer Library | JQuery | Axios | Heroku | Express.js | Node.js | Git

- Engineered a chrome extension that circumvented lack of API access to a database, **automating internal processes** and restructuring workflow that **enhanced efficiency by 100%**.
- Built an Express server endpoint to fully automate event triggers.

Launched a customizable chatbot presented at a conference:
HTML | CSS | Bootstrap CSS | Javascript | OpenAI | AWS Lambda

- Pioneered a customizable chatbot with **clean, structured code**, designed for easy adaptation.
- Implemented AWS Lambda for serverless backend architecture, ensuring scalability.
- Applied third-party GPT chat completion API for advanced conversational capabilities.

Full Stack Software Engineer - *Personalized AI | Austin TX, Remote | Apr 2023 - Sep 2023*
HTML | CSS | Javascript | Python | Django | mySQL | Apache | AWS | Linux | Generative AI | Git

- Overhauled codebase to integrate Django templates, enhancing dynamic content delivery, **code reusability**, and speeding up development processes.
- **Grew user advancement by 200%** by leading UI revamp for site landing page.
- Utilized Google analytics to identify key user exit points, and formulated site improvements.
- Integrated **generative AI** APIs for custom responses through personalized text and images.
- Managed and manipulated **SQL database**, safeguarding data integrity while executing queries.
- Architected an innovative checkout process that significantly **improved retention rates by 70%**.

Featured Projects

MiState - *HTML | Bootstrap CSS | Javascript | Express | React | ReChart | Framer Motion | Node.js | MongoDB | RESTful Architecture | Git - Apr 2024*
Employed the MERN stack to produce a digital journal with data visualizations for emotional wellbeing.

- Created a platform with full Create, Read, Update, and Delete**(CRUD) capabilities**.
- Integrated **RESTful APIs** for seamless data handling and streamlined backend communications.
- Implemented custom **JWT authentication**, ensuring secure user data management.

AI Horoscope - *HTML | CSS | Javascript | React | Redux | Axios | AWS Lambda | AWS Gateway | Dynamo DB | Swiper | Framer Motion | Netlify | Git - Nov 2023*
Prototyped a proof-of-concept that cultivates generative daily horoscopes based on the user's Zodiac Sign, Time, Date, Location, Weather, Temperature, and Day of the Week.

- Used Google reverse geolocation API, Open Weather API, GPT 3.5 Turbo API, and Yelp Fusion API to provide more personalized results based on real-time user data.
- Architected a seamless conversational experience for returning users through **AWS Lambda**, AWS Gateway, and **DynamoDB** for real-time tracking of user return rates based on IP address.

Education & Certifications

- General Assembly, Los Angeles, CA | Dec 2022 | Software Engineering
- Delaware County Community College | Associates | Liberal Arts