

PRANAV NARAHARI

✉ naraharipranav@gmail | ☎ (508) 410 - 6115 | 🌐 github.com/pnav1023 | 🔗 linkedin.com/in/pranavnarahari

SOFTWARE ENGINEERING PROFESSIONAL

Software engineer with a unique blend of technical expertise and entrepreneurial drive, primed for startup environments. Hands on experience designing, developing, implementing, and enhancing features and components for diverse applications. Introduce improvements and solutions to drive application performance/usability while simplifying internal processes by applying skills in a variety of programming/scripting languages, tools, operating systems, and emerging technologies.

TECHNICAL SKILLS

Solidity · Smart Contracts · Web3 · React.js · TypeScript · Python · Java · SQL · AWS · Fullstack · Infrastructure

WORK EXPERIENCES

Software Engineer @ Selfient (Contract Position)

June 2024 - Present

- Designing, developing, and testing Next.js application that streamlines smart contract development
- Leading UI effort using TypeScript, MongoDB, and Rust. Currently focused on creating friction-less escrow solutions.

AI Training Specialist - Programming @ Outlier AI, Inc. (Contract Position)

Apr 2024 - Present

- Develop and code prompt-related solutions, assess AI responses, and evaluate colleagues' prompts. Enhance NLP accuracy, ensuring high-quality conversational agent performance.

Lead Frontend Engineer @ License Logic (Contract Position)

Mar 2024

- Led team in the final stage of development to secure first paying customer and revamped entire web tool (2100+ lines of code changed). Eliminated bugs, improved user interface (UI) and user experience (UX), and enhanced functionality.

Software Engineer @ Citizens

June 2021 - Feb 2024

- During a substantial digital transformation (**migration of hundreds of applications** from on-prem to the cloud) and I was tasked with automating this process. The company was also looking to update its internal cloud training tools.
- **Owned internal on-prem to cloud migration service and was the sole developer for cloud training API**
- Employed **ReactJS** to quickly spin up UIs per internal application team specs, using **Nunjucks** and **YAML** for templating, utilized **Typescript** for data processing + **API integration**, and leveraged **AWS Lambda**, **AWS Layers**, and **Python** for backend development
- Drove time to **migration down from 3 weeks to 30 mins** with our automation. Cloud training tools **enhancements: automated creation of a web IDE, email reminders, and programmatic AWS EC2 deletion**

Software Engineer @ Mathematica Policy Research

May 2020 - Aug 2020

- Launched the redesign of app navigation **for major devices** and dynamically re-adjust based on the browser size.
- Utilized **Vue.js** for the app framework, **Tailwind CSS** for consistency and optimization in page styling, **HTML** for the restructuring of the navigation menu, **TypeScript** to add **dynamic functionality**, and **GitHub** for **version control**
- Presented a fully function UI fulfilling requirements of the customer, including **low latency, intuitive customer experience, and industry-standard code practices**

Software Engineer @ Kenway Consulting

Jan 2020 - May 2020

- While rapidly growing, the firm sought **reorganization of its technical architecture** and re-evaluation of its tech stack
- Led reorganization of company's data systems, redesign of data processing code, and tested and validated code changes
- Enhanced MS SQL Server proficiency by improving in all SQL query selectors and clauses to retrieve and modify data from database, developed server code in C#, and tested and **validated with unit tests and manual test plans**
- **Eliminated data conflicts** and consolidated all tables involving internal data, refactored server code to map data to new databases, and **maximized code coverage** with various forms of testing

EDUCATION

B.A. in Computer Science at University of Illinois Urbana-Champaign | Graduated Spring 2021 | GPA: 3.53

PROJECTS

dnAI, Python AI Chatbot

July 2024

- **Personalized chat assistant leveraging AI** to recommend certain supplements based on user's genetics
- Utilized **Selenium** and **Python** for scraping, **Streamlit** for UI, **Ngrok** for hosting, and **Epsilon-ai** as the LLM.

Chess3.0, Web-3.0 React.js App

May 2023

- **React.js app leveraging the ETH network** to store game state + players. Utilized solidity and **Eth smart contracts**
- **Leveraged TDD** (Test Driven Development), **hardhat local blockchain**, and manually **tested using MetaMask**.