

Aran Sriaran

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<https://aran-portfolio.vercel.app>

Complete June 2019

Education

King Mongkut's University of Technology North Bangkok - KMUTNB, Bangkok
Bachelor of Engineering
Major: Computer Engineering

Objective

Highly motivated and detail-oriented Software Engineer with a strong foundation in full-stack development, cloud deployment (GCP, AWS), and modern technologies (Go, React, Kafka, Docker). Adept at leading cross-functional teams, driving product delivery from concept to launch, and utilizing data analysis and problem-solving abilities to deliver actionable insights. Seeking to leverage analytical expertise, programming skills, and passion for innovation to contribute to a remote-first environment.

Work Experience

Developer Manager & Product Owner, Investic Analytic Studio, Bangkok

November 2023 – Present

- Led cross-functional teams to deliver products end-to-end from ideation through launch while aligning business and technical objectives.
- Spearheaded a cross-functional team in delivering products end-to-end, from initial conceptualization through launch, with a focus on aligning business and technical goals.
- Designed and executed monthly and quarterly product roadmaps, ensuring timely delivery of critical milestones while adapting to evolving market needs.
- Acted as a Product Owner, selecting features for development and ensuring they aligned with market needs and organizational goals.
- Conducted regular sprint planning, reviews, and retrospectives to optimize team performance and project outcomes.
- Analyzed user feedback and market trends to drive continuous improvements and maintain competitive differentiation.
- Provided consultation to the marketing team based on extensive experience as a cryptocurrency investor.
- Coordinated budgeting and financial monitoring with accounting to optimize resource allocation.
- Implemented business growth strategies that generated **6-figure monthly revenue** and over **7-figure annual revenue**, including **8-figure B2B sales**.

Software Engineer, Investic Analytic Studio, Bangkok

May 2023 – Present

- Mentored team members, helping junior developers and UX/UI designers advance to middle-level proficiency within 3 months.
- Worked on LLM AI projects, leveraging advanced language models for various applications.
- Enhanced user experience by developing and implementing responsive web designs.
- Streamlined code for faster load times and improved website performance.
- Developed backend services with Golang to manage streaming data from the Binance API, implement web scraping techniques, and facilitate data interactions for a new UI website, enhancing real-time user engagement.
- Worked with Python Plotly Dash for data analysis and creating interactive data visualizations.
- Built and maintained data pipelines and cron jobs for efficient data processing and automation.
- Deployed applications using Google Cloud Platform (GCP) with cloud build and cloud run integration/continuous deployment (CI/CD) processes with Jenkins.
- Ensured seamless deployment and scaling of applications, maintaining high availability and performance.
- Currently building a new data analysis and visualization website for a product, using React, Tailwind, and Shadcn.
- Created and maintained Apache Airflow data pipelines, ensuring efficient orchestration of data workflows and automation.
- Utilized Playwright for robust web scraping solutions, capturing and processing critical data effectively.

Quantitative trading & Investment Enthusiast

November 2022 – May 2023

- Developed and optimized quantitative investment strategies, leveraging Python for time series data manipulation, backtesting, and algorithmic trading.
- Conducted correlation analysis between various assets and applied machine learning techniques for predictive modeling and signal identification.
- Explored alternative data sources and big data tools like Google Trends to generate actionable insights for investment decisions.
- Focused on investments and trading systems, including developing strategies using Python, backtesting, creating algorithmic trading with Binance API or CCXT, stock screening, and applying machine learning techniques such as logistic regression and random forest for predictive modeling.
- Utilized data visualization tools like matplotlib, pandas visualization, and vectorbt visualization for data representation.

Software Engineer Consultant, ODDS, Bangkok

December 2019 - November 2022

- Full-stack engineer with expertise in React, Angular, Vue, CSS frameworks like Tailwind, Material UI, Bootstrap, Node.js, and Go.
- Experienced with Kafka microservices, Docker, and deploying projects on AWS EC2.
- Proficient in Figma for UX/UI design, enabling better collaboration with design teams.
- Trained and mentored newly hired software developers, preparing them to work effectively in fast-paced environments.
- Contributed to various projects related to banking, stock exchange, and wealth management as a full-stack developer and UX/UI specialist.
- Designed and developed a DeFi portfolio monitoring website for SafeBSC, focusing on user experience and interface to create an intuitive and visually appealing platform.

Certification and Hobbies

- ETHGLOBAL Winner pool award from
- ChainLink: Best use of Chainlink CCIP
- Pyth Network Pyth Entropy Pool Prize: Pool prize
- Google Cloud From Data to Insights with Google Cloud Specialization, Coursera Course Certificates Completed:
- Exploring and Preparing your Data with BigQuery
- Creating New BigQuery Datasets and Visualizing Insights
- Achieving Advanced Insights with BigQuery

Computer Skills , Interests and Language

- **Skills:** Python, SQL, JavaScript, Go, Data Studio, BigQuery, Pandas, NumPy, Scikit learn, Seaborn, Plotly, Git, Docker, React, Tailwind, Material UI, Express, Kafka, Airflow, Gin Framework, Figma, MongoDB, PostgreSQL ,Agile Methodologies & Scrum , Large Scale Scrum
- **Interests:** Crypto , Investment , Quantitative Trading , Machine Learning , Data analysis
- **Language:** communication skills in English