Jisol Park

jisolpark.netlify.app | jisolp7@gmail.com | linkedin.com/in/jisol-park/

SUMMARY

Full Stack Developer with hands-on experience in building scalable web applications and implementing machine learning models. Proficient in a broad range of technologies, including React, Node.js, Python, and AWS, with a strong background in data pipelines, predictive modeling, and API integrations. Adept at developing user-centered solutions to solve complex problems, enhancing user experience, and driving business value. Passionate about continuous learning, teamwork, and leveraging technology to deliver impactful, data-driven products.

EDUCATION

University of California, San Diego

B.S. Math - Computer Science   *La Jolla, CA*

- **Relevant Coursework:** Operating Systems Programming, Advanced Data Structures/Architecture, Design and Analysis of Algorithms, Object-Oriented Programming, Linear/Nonlinear programming

EXPERIENCES

Traveler   Nov. 2024 - Present

Full Stack Developer   *San Diego, CA*

- Building a travel website using **Python, React, and TensorFlow** to allow users to input preferences and generate sample itineraries. Implemented features for exporting itineraries to Google Sheets and PDF using APIs
- Integrating Google Cloud NLP to analyze user input for text classification and keyword extraction. Leveraged sentiment analysis to further personalize travel recommendations based on user input. Used Node.js for backend API handling

AI-Powered Personal Finance Assistant   Sept. 2024 - Present

Full Stack Developer   *San Diego, CA*

- Developing a full-stack web application integrating **React, Node.js, and MongoDB**, enabling users to track expenses and manage finances effectively.
- Implementing predictive machine learning models using **Python** and **TensorFlow** to provide personalized budgeting and investment insights, enhancing user financial planning.

Financial Data Pipeline and Visualization System for Stock Market Indices   Aug. 2024 - Sept. 2024

Full Stack Developer   *San Diego, CA*

- Built a scalable data pipeline using **AWS** services and **Python** to automate the ingestion and processing of market indices data. Designed robust **ETL pipelines**, ensuring data quality and optimizing the efficiency of querying through advanced **SQL** techniques.
- Developed machine learning models, including Random Forest Regression, to predict stock market trends. Deployed interactive dashboards using **AWS QuickSight and Matplotlib**, providing clear visualizations of market trends and predictions for enhanced decision-making.

Cipher   Dec. 2023 - Jan. 2024

Developer   *San Diego, CA*

- Built a secure encryption/decryption tool for text and binary files using **C** and **assembly language**. Optimized the tool for per-byte manipulation, enhancing security measures and processing speed.

Zodiak   Feb. 2023 - May. 2023

Front End Developer   *San Diego, CA*

- Developed a responsive web app using **React**, providing personalized daily readings with dynamic UI animations.
- Collaborated in an agile environment with 6 memebers, participating in sprints and stand-ups, and established a **CI/CD** pipeline to automate testing and deployment.

LEADERSHIP EXPERIENCE

Product Management Club   Sept. 2023 - Jun. 2024

VP Tech   *San Diego, CA*

- Led a team of 5 members to build the club's official website using **HTML, CSS, JavaScript and React**, coordinated agile practices, and hosted workshops for 30+ club members about frontend development

Society of Women Engineers   May 2022 - Apr. 2023

Social Chair   *San Diego, CA*

- Successfully organized networking events for 30+ members

SKILLS

Technical Skills: C++, C, Java, Python, JavaScript, HTML, CSS, Linux/Unix, SQL, MATLAB, Go