SIMON PHAM

0416686231 - huuhung7301@gmail.com - Carlton, Melbourne, Australia
Linkedin: https://www.linkedin.com/in/simon-pham-2b8144194/
Portfolio Link: siportfoliomon.com

FULL STACK DEVELOPER

Enthusiastic entry-level full-stack software developer with a track record of creating numerous personal projects during my studies. Proficient in mastering HTML and CSS to craft captivating user interfaces, programming browsers using JavaScript, jQuery, and React, and building robust servers with languages like PHP, Python, and Node.js.
My passion for coding extends beyond the classroom, as I've dedicated my time to hands-on projects that demonstrate my ability to create efficient and user-friendly applications. I am eager to apply these skills in a professional setting, collaborating with a dynamic team and contributing to your organization's success.

SKILLS

Programming Languages: JavaScript, Python, Java, C++, C#
Database Tools: MySQL, PostgreSQL, MongoDB
DevOps Tools: Git/GitHub, Docker
Web Development Frameworks and tools: React.js, Node.js, Express.js, Graph.js, Axios.
Interpersonal Skills: Fast learner, Team Collaboration, Effective Communication, Problem-Solving, Adaptability, Time Management.
Cloud Technologies: AWS (Amazon Web Services), AWS Lambda, API Gateway, EC2 (Elastic Compute Cloud), Elastic IPs, CloudWatch, S3 (Simple Storage Service), RDS (Relational Database Service), IAM (Identity and Access Management), VPC (Virtual Private Cloud)

PROFESSIONAL EXPERIENCE

Blackwind software   **February 2022 - July 2022**
Business analysis, Frontend intern developer
- As an intern, I was tasked with enhancing software development processes in a dynamic IT environment.
- My responsibilities included researching IT trends and swiftly learning and applying new technologies such as SQL, Postgres, React, and Express to the allocated projects.
- Facilitated collaboration between developers and project managers.
- Provided insights and recommendations for project planning.
- Contributed to frontend development tasks, including UI, UX design and coding, bug fixing.

Accomplishments:
- Adoption of agile methodologies led to a 20% reduction in project delivery time.
- My contributions to project planning and recommendations played a key role in achieving a 10% increase in successful software releases, minimizing post-release issues and user complaints.

HIGHLIGHTED PROJECTS
Stock insight   **July 2023 - Sep 2023**
The system autonomously collects real-time online data, using github public APIs and data scraping, saves the data into a database, and performs sophisticated data analysis to identify leading sectors in the stock market and profitable stock opportunities.
Python is utilized for data retrieval from the investing.com website and data storage. It is using dynamic programming algorithms to calculate indexes figures and generate data APIs to send back to the frontend.
Aws lambda and API gateway is being used to host API online. EC2, elastic IP is used to host website.
The website's frontend is developed using React, with the help of Graph.js to visualize the stock charts

Accomplishments:

- The tool is now actually has around 1000 traffic/week even when it is still in the testing phrase. Which proved its effectiveness and user friendly interface.

Round 3 "Ready trade go" competition   **March 2023 - April 2023**

- Built an algorithm bot to trade using pair trading technique.
- The algorithm uses python as the backend, with the help of Correlation Analysis, Z-Score or Standardized Spread, Deviation:. The algorithm calculate the correlation, temporary deviation to figure out the best time to buy/sell and hedge.

Accomplishments:
- Hit top 125 within the competition
- Created a profitable trading algorithm

Profinder - Tutor finding app   **Octorber 2022 - December 2022**

- Spearheaded the development of an innovative and user-centric tutor finding mobile application, leveraging Kotlin for Android devices. Employed NoSQL for flexible data storage and seamless online data management via Firebase.
- The app seamlessly integrates an array of cutting-edge features, including Tinder-esque swipe-left/right functionality and a Spotify-inspired nested list for personalized user preference selection.
- For an in-depth look at this project and additional technical insights, please refer to my portfolio.

Accomplishments:

- Final project in unit Creating software for mobile devices at Swinburne, which got me maximum grade.
- "Rising Star" award in the Swin-Biz-Rockstar contest

EDUCATION

Swinburne University of Technology
Bachelor of Computer Science - GPA: 3.5 - Graduation in November 2023

Swinburne University of Technology
Diploma of Information Technology - GPA: 3.2

Other certificate
Problem Solving Intermediate - HackerRank
Dynamic programming - Udemy
All about React - Udemy