YEOH WEI BIN

Software Engineer

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- English | Mandarin | Malay

SUMMARY

Fresh graduate Software Engineer with a strong foundation in full-stack development, specializing in Java, C++, Python, and web technologies like React Native, Laravel, and Flask. Completed an internship at software house, gaining hands-on experience in R&D, modern UI designs, client support and software development. Developed a Steel Product Grading System using AI to solve real-world manufacturing challenges. Passionate about problem-solving, continuous learning, and contributing to innovative software solutions in a dynamic and challenging work environment.

SKILLS

Programming Languages: Java | C++ | C# | Python | PHP | JavaScript | SQL | HTML | CSS | UML

Frameworks: React Native | Laravel | Flask | JUnit 4

Tools: Git | Docker

Soft Skills: Quick Learner | Problem Solving | Critical Thinking | Teamwork | Communication | Time Management | Hardworking | High Adaptability | High Stress Tolerance

EXPERIENCE

Software Engineer Intern   Oct 2023 - Jan 2024
SIM IT SDN BHD, Johor, Malaysia
Full Time

- Work in R&D team and Client Support team
- Assist to handle customer change requests in print format
- Do researches regarding company common-use programming languages and frameworks
- Design and implement data migration logic using the workflow automation tools
- Do n8n (workflow automation tool) research
- Frontend UI screen modifications and improvements
- Bugs fixing
- Software / Tools: Jaspersoft Studio | jrxml file | Dolphin Scheduler | n8n | Docker | Postman

EDUCATION

Bachelor of Science (Honours) Software Engineering   May 2021 - June 2024
Universiti Tunku Abdul Rahman, Selangor, Malaysia
CGPA: 3.7229

Foundation in Science   May 2020 - May 2021
Universiti Tunku Abdul Rahman, Selangor, Malaysia
CGPA: 3.9068

Malaysian Certificate of Education (SPM)   2019
SMK LAYANG-LAYANG, Johor, Malaysia
Results: 9As 1B

PROJECTS

Steel Product Grading System (Steel Grade App)
Skills: React Native | Flask | Python | Machine Learning | SQLite | REST API
Final Year Project

- Tackle steel manufacturing company problems in manual steel grading
- Do related researches to promote the software development and completion of project
- Work closely with end-users / stakeholders to gather and discuss user requirements
- Turning user requirements into feasible digital solutions
- Design and develop AI algorithms (neural network) that can grade the steel product automatically based on necessary input parameters
- Develop mobile application and make the neural network model integration
- Design and implement informative dashboards for data analysis and business decision making

Online Badminton Shop
Skills: HTML5 | PHP | CSS | JavaScript | AJAX | SQL
University Mini Project / Assignment

- Brainstorming the necessary features on an online shopping website
- Regular meeting with team to discuss the idea, delegate tasks and track the project progress
- Utilize GitHub as the version control and collaborative platform
- Apply technical skills and coding knowledge to create and build the website from zero to hero

Grocery Shopping Application
Skills: React Native | SQLite
University Mini Project / Assignment

- Design and develop mobile application using the React Native programming framework
- Integrate the SQLite as the database management

HOBBIES & INTERESTS

Hobbies: Badminton, Basketball, PingPong, Chess, Adventure

Interests: Programming, Software, Finance, Mystery of Universe and Nature, History