KAVINDU HARSHITHA

Full Stack Developer
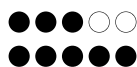
📞 +61 45 1570 605   @ kavindu@apexkv.com   🔗 www.apexkv.com   📍 Adelaide, South Australia

SKILLS

Python Django JavaScript React.js
Node.js MySQL Neo4j MongoDB
Docker Git API Design
Microservice Development
Problem-Solving Teamwork

LANGUAGES

English   ●●●○○
Sinhala   ●●●●●

FIND ME ONLINE

in LinkedIn
🐙 Github

REFERENCES

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Bruno Pasqualini
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SUMMARY

Self-taught developer with 5 years of programming experience, skilled in **designing scalable web applications**. I quickly adapt to new technologies, once learning web development in just 2 weeks for a freelance project. Currently studying at the **UniSA**, I'm eager to contribute my problem-solving skills and technical expertise to innovative projects.

EDUCATION

Bachelor of Software Engineering
University of South Australia
- Acquired expertise in SQL database design, network configuration with CISCO technologies, and full-stack web development.
- Earned High Distinction in **Data-Driven Web Technologies** and **Data Structures Essentials**, excelling in optimizing software performance.
- Developed advanced skills in implementing algorithms and object-oriented programming, achieving top marks in **Object-Oriented Programming**.

BSc. Electronic and Telecommunication Engineering
CINEC Campus Sri Lanka
- Acquired foundational knowledge in circuit design, electronics analysis, and control system principles.
- Developed skills in robotics programming, troubleshooting electronic systems, and automating processes through control theories.
- Gained hands-on experience with key technologies in engineering and automation.
- Achieved a **3.4 GPA** prior to transferring to the University of South Australia.

PROJECTS

Facebook Clone Project

Developed a highly scalable social media platform inspired by Facebook using a microservices architecture. Achieved significant functionality replication with a focus on performance and modularity.

- Remade ~60% Facebook-like social media platform using microservices architecture, ensuring scalability and modularity.
- Integrated user features such as post creation, friend suggestions, comments, likes, notifications, and real-time chat using Django, Node.js, MySQL, and Neo4j.
- Implemented a post recommendation system that adapts to user interactions, optimizing personalized content delivery.
- Ensured high performance and efficient communication between services with RabbitMQ and Docker.

Django Manager Project

Created a custom Django manager script and VSCode extension that optimized project structure, enhancing development workflow by 3x for Django applications.

- Automatically structured Django projects into modular components, improving code organization and maintainability.
- Increased project workflow efficiency by 2x using VS Code tasks, making it easier to navigate, reset migrations, and interact with the Django app.
- Enhanced team collaboration by implementing a folder-based app structure, improving clarity and project organization.
- Streamlined app creation with custom folder setups, significantly reducing project setup time.