Kenul Herath

(He/ Him)

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PROFILE

I am a BSc Computer Science student at the University of South Wales with strong skills in C++, Python, C#, and web development. I am currently building an Inventory and Employee Management System using Next.js for a company. My experience includes leadership as Vice-President of Activities at USW Students' Union, graphic design at Captain Promotion in Sri Lanka, and mentoring as a PASS leader. I am fluent in English and Sinhala, with interests in badminton, coding, and movies.

KEY SKILLS

- Programming Languages: C++, Python, R, C#, Java, HTML, CSS, PHP, TypeScript
- Database Management: PostgreSQL, MariaDB, MongoDB, NoSQL
- Frameworks & Libraries: Next.js, React, .NET, Git
- Development Tools: Visual Studio, Oracle APEX, JetBrains Tools
- Certifications: Certified C# Developer, Certified C++ Developer
- Graphic Design: Adobe Illustrator, Vector Graphics, Branding, Digital Design
- Leadership & Teamwork: Strategic Planning, Budget Management, Advocacy, Inclusivity Promotion
- Mentorship: Peer Assisted Study Support (PASS) Leader, Academic Guidance
- Extracurricular Involvement: Badminton Team Vice-Captain, Coding Club Member

EDUCATION

BSc (Hons) Computer Science including Foundation Year   Sep 2021 – May 2025
University of South Wales

Course Content includes:

Software Development Fundamentals   Web Development Fundamentals
Data Structures & Algorithms   Database & Data Modelling
Cyber Security & Forensics   Secure Software Development
Operating System Concepts   Professional Practice & Employability

Higher Diploma in Information Communication Technology   Feb 2020– July 2021
Internation College of Business & Technology

Course Content includes:

Fundamentals of Information Technology   Database Fundamentals
Web Development   Cyber Security Fundamentals
Software Development Fundamentals   Mobile Application Development
          Emerging Technologies in ICT

WORK EXPERIENCE

Full Stack Developer   May 2024 – Current
(Final year project/ Work Placement)

Tasks Included:
- Full-stack Development: Built a web-based Inventory Management System using Next.js and TypeScript for both frontend and backend development.
- Database Integration: Implemented SQLite as the primary database for production, ensuring efficient storage and retrieval of inventory data.
- Role-based Access Control: Developed distinct user and admin roles for secure access to different system features.
- Data Visualization: Incorporated Chart.js to visualize inventory trends and stock levels with interactive charts.
- Responsive Design: Used TailwindCSS and Shadcn for responsive and accessible UI components.

President of Activities   May 2023 – Jan 2024
University of South Wales Students' Union

Tasks Included:
- Leadership & Event Management: Led a diverse team to organize and execute a variety of activities, sports teams, clubs, and societies, demonstrating effective leadership and strategic planning.
- Increased Engagement: Boosted student participation in extracurricular activities by implementing innovative programs and initiatives.
- Budget Management: Managed budgets, allocated resources, and secured funding for student-led initiatives, ensuring optimal financial efficiency.

Graphic Designer   Feb 2020 – Feb 2021
Captain Promotion, Sri Lanka

Tasks Included:
- Adobe Illustrator Expertise: Created visually appealing designs with strong skills in vector graphics and digital design.
- Creative Concepts: Developed branding, marketing materials, and digital assets that aligned with client objectives.
- Team Collaboration: Worked closely with clients, copywriters, and marketing teams to produce compelling visual content.
- Quality Control: Ensured accuracy and consistency in all design work, meeting deadlines and client expectations.
- Design Trends: Kept up with industry trends and continuously improved design processes with new techniques.

REFERENCES

Supplied upon request.