Pubudu Karunarathna

Full-Stack Web Developer

About Me

I am an ambitious and adaptable undergraduate specializing in Software Technology at the University of Sri Jayewardenepura, with a current GPA of 3.41. Passionate about innovation and problem-solving, I bring a diverse skill set, including technical expertise, leadership, and teaching abilities, to dynamic environments. My commitment to learning and creativity drives me to excel in challenges and deliver impactful solutions. I am eager to secure an internship to refine my skills in software development and contribute meaningfully to the industry.

Language

- Sinhala - Native
- English - Fluent

Technical Skills

- HTML / CSS
- TailwindCSS
- JavaScript
- Expess js
- Node js
- React
- SQL
- NO SQL
- Python
- Git / Github
- Figma

Soft Skills

- Teaching
- Critical Thinking
- Leadership
- Stress Management
- Problem Solving
- Project Management
- Team Work
- Creativity
- Communication
- Adaptability
- Time Management
- Self-Motivation

Contact

- (+94) 78 998 8379
- pubudushehankarunarathna@gmail.com
- Ihala / Kiniyama, Weerapokuna
- Github-pubudu-shehan
- LinkedIn-pubudu-shehan
- Portfolio-pubudu-shehan

Education

Bachelor of Information and Communication Technology (Hons)
Faculty of Technology, University of Sri Jayewardenepura
Specialized in Software Technology. **2022 - Present**

G.C.E. Advanced Level in Technology
Central College Kuliyapitiya
Bio System Technology (District Rank - 4) ICT - A | Science for Technology - A | Bio SystemTechnology - B **2018 - 2020**

Work Experience

CRB bank **2021 - 2022**
Clerk and Cashier at CRB Bank, handled transactions, record-keeping, and customer service with accuracy and efficiency.

Projects

User Central **2025 (On Going)**
- A user management system enabling contact management, messaging, and photo uploads with full CRUD functionality.
- React, CSS, MongoDB, Express.js, Node.js

Text2Art **2025**
- A web app that creates images from text prompts using OpenAI's DALL-E.
- MERN (MongoDB, Express.js, React, Node.js)

Test Genius **2024**
- A quiz web app for Advanced Level ICT students with past paper MCQs, timer-based quizzes.
- React Vite, TailwindCSS, Firebase, MongoDB, Express.js.

Abnormal Behavior Detection (Group Project) **2025 (On Going)**
- Identify abnormal customer behaviors in supermarkets using CCTV footage, leveraging pose estimation and action recognition models.
- MediaPipe, LSTM, TensorFlow, OpenCV

Research Gap Analyzer (Group Project) **2024**
- A tool to identify research gaps across three research papers, summarizing individual papers and detecting shared or unique gaps.
- LLaMA 3.1, Flask, Groq Cloud, Next.js.

Professional Certificates

AWS Cloud Practitioner Essentials **2025**
Certificate from Amazon Web Services (AWS)

Introduction to Cloud by IBM **2024**
Certificate from Cousera

Python Project for Beginners **2024**
Certificate from GreatLearning

Java Programming **2024**
Certificate from GreatLearning

Extra Curricular Activities & Volunteering

Secretary **2023 -2024**
Technology Subcommittee: FOT - USJ

Referee **2024**
J'Pura ElectroCombat Robot Battle competition

References

Dr. D. L. Chamara Pramod Liyanage

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Himanshi Liyanage (Ph.D.),

Lecturer and Researcher, Department of Artificial Intelligence and Nonlinear Analysis, Faculty of Mathematics and Computer Science, University of Lodz, Poland

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