Akilesh Jayakumar

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EDUCATION

University of Wollongong (SIM Campus)   Oct 2022 – Present
Bachelor of Computer Science, Big Data and Cybersecurity

Singapore Institute of Management (SIM Campus)   Oct 2021 – Sep 2022
Diploma, Information Technology

EXPERIENCE

CPF Board   Dec 2023 – Present
Automation Intern
- Developed a Sentiment Analysis App in Python with GPT-3.5 API integration, enhancing and automating HR processes.
- Utilized Pair and prompt engineering techniques to execute test cases and plans elevating software reliability.
- Automated workflows and integrated them into CPF AppFolio using Microsoft Power Automate.
- Research in tools and products used across the Whole of Government, including GCC, SGTS, Pair and LaunchPad.

PROJECTS

- **Portfolio Website**: [GitHub Repo](#) | [Live Site](#) | *Next.js, TypeScript, React, Tailwind CSS*
    - Developed and designed a responsive and user-centric portfolio website, prioritizing UI/UX design with effective state management. Deployed on Vercel.
- **ChatGPT Clone**: [GitHub Repo](#) | [Live Site](#) | *HTML, CSS, JavaScript, Node.js, Express.js*
    - Developed a ChatGPT clone showcasing backend proficiency by enabling real-time interactions with the chat bot via GPT-3.5 API calls. Deployed on Render.
- **Coin Flipping Game**: [GitHub Repo](#) | [Live Site](#) | *HTML, CSS, JavaScript*
    - Developed an engaging coin flip game, enhancing user interaction through clickable elements and simulating coin flip animations. Deployed on GitHub Pages.
- **Password Generator**: [GitHub Repo](#) | [Live Site](#) | *HTML, CSS, JavaScript*
    - Developed a password generator tool, focusing on user experience to deliver multiple, unique and secure passwords. Deployed on GitHub Pages.

SKILLS

Languages: Python, SQL, JavaScript/TypeScript, HTML/CSS
Frameworks: Tailwind CSS, React, Next.js, Node.js, Express.js
Dev Tools: Git, GitHub, Vercel, Render, Figma, OpenAI, Hugging Face
Databases: MongoDB, Oracle

COMMITMENT PERIOD FOR CREDIT-BEARING INTERNSHIP

Availability: 6 months, Full-Time | (5 days/week) | Start Date: 3 June 2024 | End Date: 27 December 2024
University Approval: University of Wollongong (SIM Campus) approval required for academic credit.