Akilesh Jayakumar

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EDUCATION

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

Singapore Institute of Management (SIM Campus)   October 2021 – September 2022
Diploma, Information Technology   *Singapore*

EXPERIENCE

CPF Board   December 2023 – Present
Automation Intern   *Singapore*
- Developed a Sentiment Analysis App using GPT-3.5 API and Python to automate HR processes, improving efficiency.
- Used Pair.Gov.SG platform and prompt engineering techniques to execute test cases, improving software.
- Automated repetitive workflows using Microsoft Power Automate, streamlining operations for employees.
- Conducted research on government tools and products, gaining insights into digital infrastructure on GCC and SGTS.

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 chatbot via GPT-3.5 API calls. Deployed on Render.
- **Coin Flip Game**: GitHub Repo | Live Site
  - *HTML, CSS, JavaScript*
  - Developed an engaging coin flip game, enhancing user interaction through clickable elements and simulating coin-flipping 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 unique and secure passwords. Deployed on GitHub Pages.

SKILLS

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