

Akilesh Jayakumar

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PROFILE

Final-year Computer Science student focusing on Big Data and Cybersecurity. I am actively seeking opportunities for a 6-month, full-time credit-bearing internship in Software Engineering or Cybersecurity. I aim to leverage my academic background and technical skills to contribute effectively in a business environment.

EDUCATION

University of Wollongong (SIM Campus) Bachelor of Computer Science, Big Data and Cybersecurity	Oct 2022 – Present
Singapore Institute of Management (SIM Campus) Diploma, Information Technology CGPA: 3.313/4.0	Oct 2021 – Sep 2022

INTERNSHIP EXPERIENCE

CPF Board Automation Intern	Dec 2023 – Present
<ul style="list-style-type: none">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 in CPF AppFolio using Microsoft Power Automate directly improving performance.Research in tools and products used across the Whole of Government, including Government on Commercial Cloud (GCC), SG Tech Stack (SGTS), Pair and LaunchPad.	

SOFTWARE 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.
- Flip The Coin 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
Databases: MongoDB, Oracle
API: OpenAI, Hugging Face

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.