# Akilesh Jayakumar

📞 (+65) 90126409
✉ jayakuma006@mymail.sim.edu.sg
in linkedin.com/in/akileshjayakumar
○ github.com/akileshjayakumar
‹/› akileshjayakumar.com

## 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.
- Utilised pair.gov.sg platform and prompt engineering techniques to automate test cases, reducing software bugs.
- Automated repetitive workflows using Microsoft Power Automate, streamlining operations for employees.
- Research on Whole of Government (WOG) tools and products, gaining insights into digital infrastructure.

## PROJECTS

- **Portfolio Website: [GitHub Repo](#) | [Live Site](#)** | *Next.js, TypeScript, React, Tailwind CSS*
  - Developed and designed a responsive and user-centric portfolio website, prioritising 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
- **Tools**: Git, GitHub, Vercel, OpenAI, Hugging Face
- **Databases**: MongoDB, Oracle