

# W.K.D KAVISHKA | Software Engineer

- Phone : +94 75 7676 968
- Email : [w.k.d.kavishka@gmail.com](mailto:w.k.d.kavishka@gmail.com)
- GitHub : [github.com/wkdkavishka](https://github.com/wkdkavishka)
- LinkedIn : [linkedin.com/in/wkdkavishka](https://linkedin.com/in/wkdkavishka)
- Website : <https://wkdkavishka.github.io>

## PROFILE

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Specializing in Software Engineering and DevOps Engineering. Ready to utilize learned skills to further a company's mission. Interested in learning new skills and exploring new technologies. Happy to face new challenges and to develop skills in a dynamic environment. Proactive team player who loves learning and adapting. With great confidence in abilities and a strong dedication to achieving goals, committed to success and growth.

## SKILLS

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- Programming languages - TypeScript, Python, Java, C, C++
- Technologies - Node.js, Bun.js, Express.js, Fastify.js, React.js, Angular.js, Vue.js, Spring Boot, Ionic
- Databases & Tools - PostgreSQL, MongoDB, Sequelize, Mongoose, Hibernate
- Cloud Technologies - AWS, Azure, Firebase
- Dev Tools - Docker, Linux, Bash, Git, Jira, Confluence

## WORK EXPERIENCE

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- **Software Engineer Intern - COTS LAB UCSC - ( 2024/JAN to 2024/JULY )**
  - Achievements
    - Complete Design overhaul of the research publication website.
    - Implement an effective, easy methodology to add projects through MD files.
    - Created a pipeline for continuous development and deployment
    - Created necessary architectures for a resource share system for an inter-campus resource sharing platform.
    - Development of the Inter-campus resource sharing system.
    - Assignment of tasks.
- **Software Engineer ( contract based ) - Globevik (Private) Limited - ( August/2024 )**
  - Achievements
    - Design of necessary diagrams for the projects.
    - Planning and Development of the Backend Server.
    - Information Gathering for projects.
    - Scheduling and helping manage tasks.
    - Collaboration with teammates with agile practices.

## Education

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- **University Of Colombo School Of Computing ( UCSC )**
  - Computer Science Undergraduate - (2019 - 2025)
- **Anuradhapura Central College**
  - GCE A/L 2018 - Mathematical Stream (English Medium) 2015 - 2018
    - Physical Science - A
    - Information Technology - B
    - Combined Mathematics - C

# KEY PROJECTS

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- **Personal Website**

- Description
  - This is my portfolio website, to showcase my Business and target. With a new look and passion. Focus on introducing myself and the services provided.
- Repo Link
  - <https://github.com/wkdkavishka/wkdkavishka-next>
- Technologies
  - Next Js, PWA

- **New COTS Website**

- Description
  - A research publication website uses an MD file as input to publish. At the internship in the COTS Lab.
- Repo Link
  - <https://github.com/cots-lab/new-cots-website>
- Technologies
  - Ruby, Jekyll

- **SG Life**

- Description
  - A commercial application for Mr. Suranjith Godagama to make his knowledge accessible to the people. My involvements are on the Express server and PostgreSQL, and Configurations.
- Repo Link ( private )
  - This is a private repository of Globevik (Private) Limited.
- Live Link
  - <https://sglife.net>
- Technologies
  - Next.js, Express TS, PostgreSQL, Docker, AWS

- **GPT-shell-4o-mini**

- Description
  - A CLI interface for ChatGPT API, I enhanced the application with some improvements, and continued improving by translating it to Python. This was developed mostly for my personal use
  - Only for Linux or Unix-like (macOS) Systems.
- Repo Link
  - <https://github.com/wkdkavishka/GPT-shell-4o-mini>
- Technologies
  - Python, Shell( originally )