RIKAS ILAMDEEN
Computer Science Undergraduate

I am very interested in software development, and I have a passion and curiosity to build innovative applications that people will love. I enjoy solving problems and working with others, writing clean and efficient code.

CONTACT

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- 🌐 github.com/rikas-ilamdeen
- ▶ Blog
- 💼 Portfolio

TECHNICAL SKILLS

- Java, Spring Boot
- Python, Flask
- HTML5, CSS, JavaScript
- PostgreSQL, MySQL, SQLite
- React Native
- Docker, CI/CD

SOFT SKILLS

- Quick learner
- Problem-solving
- Adaptability
- Time management
- Collaboration

OTHER RELATED SKILLS

- Git/GitHub, GitLab
- VS Code, VS
- Android Studio
- IntelliJ IDEA, Eclipse
- NetBeans
- Postman, Xampp
- Microsoft office suite
- Documentation
- Arduino, NodeMCU, RPi 4B
- Nvidia CUDA

INTERESTS

- Open-source
- Software development
- Machine learning
- Full-stack
- Mobile application
- Cloud computing

EXPERIENCE

May 2024 - Aug 2024
Google Summer of Code 2024
International Neuroinformatics Coordinating Facility (INCF)
- Technologies: Java, ImageJ, Weka, Nvidia CUDA
- Topics: Machine learning, Image segmentation

EDUCATION

Jan 2023 - Present
BSc (Hons) Computer Science
University of Westminster, UK
Informatics Institute of Technology, SL

Feb 2022
GCE Advanced Level - Physical Science
Baduriya National College
Combined Mathematics, Physics, Chemistry, GIT

PROJECTS

- **LEXi Mobile App**
  Helping individuals with dyslexia by making learning accessible.
  Spring Boot, React Native, Azure Services, CI/CD

- **Smart Home System**
  Home automation using Python, C++, NodeMCU, and RPi.

- **Sports-themed website**
  Dynamic website using HTML5, CSS, and JavaScript.

- **Student marks evaluation system**
  Python application for evaluating student performance.

ACHIEVEMENTS

- **Invited as an Open-Source Delegate - BazelCon 2024**
  Fully sponsored by **The Linux Foundation** to attend at the Computer History Museum, Mountain View, CA, USA. - sponsor letter

- **Authored, exploring how coding saves lives (2024)**
  Featured article by IEEE Computer Society at IIT, link

- **3rd place in 22km trail running among 84 hikers (2023)**
  International Trail Running Association - ITRA

- **All-island school inventors' competition (2017)**
  Sri Lanka Association for the Advancement of Science - SLAAS

- **All-island coding and robotic competition (2016)**
  Led my team to 2nd place in Robotics and 3rd in C++

- **Recognized at Sahasak Nimavum (2016)**
  Sri Lanka Inventors Commission - SLIC

REFEREES

John Sriskandarajah
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