|  |  |  |
| --- | --- | --- |
| A person in a suit and tie  Description automatically generated |  | Shehan GUNAWARDENA  Software Engineer | AI ML Developer |
| Profile Adaptable Software Engineer with expertise in both traditional software development and innovative AI/ML technologies. With experience in successfully designing and implementing diverse, scalable solutions. Proficient in translating complex concepts into practical applications, adept at bridging the gap between conventional programming and AI/ML innovation. Proven history of collaborating with multidisciplinary teams for seamless integration. Committed to staying ahead of industry trends. Contact PHONE: +94 77 370 7581  Location:  20/10,1st Lane, Kandahena Road,Ranala  Github:  [github.com/shehancg](https://github.com/shehancg)  Email:  <cgshehan@gmail.com>  LinkedIn: [@shehangunawardena](https://www.linkedin.com/in/shehangunawardena/) |  | EDUCATIONBSc (Hons) Software Engineer (2020 – 2023) University of Plymouth | NSBM Green University  Second Class (Hons) Upper Division G.C.E A/L EXAMINATION (MATHS STREAM) Asoka Vidyalaya Colombo G.C.E O/L EXAMINATION (MATHS STREAM) Vidura College Colombo WORK EXPERIENCEDazzling Dev (Pvt) Ltd - AI & ML Engineer  * Research & Development Chatbots/LLMs with RAG    EXE.LK (Pvt) Ltd - Software Engineer & AI ML Developer (2022- September 2023)   * Image Recognition & Classification * Chatbots & LLMs * Supervised Learning, Regression & Neural Networks * Backend development with Spring Boot, ASP.NET/Core & JS (Express) * Frontend design & development * Android development with Java * Databases - MYSQL, MSSQL, MongoDB & Firebase * Cloud Services - AWS & GCP  Bellvantage (Pvt) Ltd – Associate Software Engineer (August – January 2023) Techwire Lanka – Intern Software Engineer (2022 February – August) Projects and DEVELOPMENT |

## EXPERIENCED TECHNOLOGIES

* Final Year Project Developed a Fitness Android Application (FitLabs) using Java Neural Nets & GCP for Fat level prediction [(click here)](https://github.com/shehancg/BodyFatNeuralNet) Augmented Reality Computer Vison for workout detection using Media Pipe and ML Kit
* Developed a Sinhala SMART AI Assistant for Computing group project (Python, TensorFlow, ANN, LSTM & NLP) [(click here)](https://github.com/shehancg/Sinhala-Smart-Ai-Assistant)
* Developed a sophisticated Hotel management website using Java Spring Boot [(click here)](https://github.com/shehancg/XYZHotelFinal)
* Developed a Full stack Kanban Application (Project.IO) in MEAN Stack with CI/CD Pipeline [(click here)](https://github.com/shehancg/FullStack-Server)
* Developed an E-Commerce application with MEAN Stack [(click here)](https://github.com/shehancg/MyShoes-Server)
* Please View my [GitHub Profile](https://github.com/shehancg) for many other project
* Java (Spring Boot)
* C# (ASP.NET / Core)
* AI/ML Technologies (LLMs & NLP, Deep Learning, Neural Nets, Image Recon, OpenAI Development)
* React MEAN Stack
* Native Android Development in Java
* Typescript
* Python
* CI/CD Pipelines
* Automated Testing in Jest

## Certificates

* ESOL & IWMS certificates
* British Council certificates
* Cambridge English PET exam
* Arduino certificate course by A Plus Institute
* Google Hash Code 2020 certification
* Introduction to Cybersecurity Cisco Networking Academy

## EXTRA CURRICULAR & VOLUNTEER ACTIVITIES

* Former Member of FOSS NSBM
* Member of organizing committee Software Freedom Day
* Mozilla campus Club NSBM
* Contributed to many events organized by FOSS NSBM
* Participated Hacktober Fest 2020,2021
* Participated in Google Hash Code 2020
* Google Cloud Platform
* AWS
* MongoDB
* Firebase / Firebase Functions
* MS/My & Oracle SQL
* UI/UX (Adobe XD)
* Arduino Development

**FAMILIAR TOOLS AND**

**DEVLOPMENT PLATFORMS**

* GitHub
* VS Code
* Visual Studio
* IntelliJ IDEAPyCharm

## references

Dr. Rasika Ranaweera

Dean / Senior Lecturer at Faculty of Computing NSBM  
[ranaweera.r@nsbm.ac.lk](mailto:ranaweera.r@nsbm.ac.lk)

Mr Pramudya Thilakaratne

Senior Lecturer at NSBM

[pramudya.h@nsbm.ac.lk](mailto:pramudya.h@nsbm.ac.lk)

* Jupyter Notebook & Colab
* Android Studio
* SSMS & SQL workbench