



Anjana Senanayake

Curriculum Vitae

About Me

A computer engineering graduate whom in leisure directs my curiosity to explore and learn various fields like Artificial Intelligence, Astronomy, Software & Web development, Ethical hacking, etc. Inspired by what future beholds and driven by the passion to push the gaps and be a witness of the next generation tech, where I believe the best is yet to come.

Interests

Artificial Intelligence
Machine & Deep Learning
Android Development
Full Stack Development
Computer Security
Astronomy


Language Skills


English – Profe. working proficiency
Sinhala – Native proficiency


 [anjanasenayanake.github.io](https://github.com/anjanasenayanake)
Portfolio

 [linkedin/anjanasenayanake](https://www.linkedin.com/in/anjanasenayanake)
Linkedin



 github.com/AnjanaSenanayake
Github

 [stackoverflow.com/anjanasenayanake](https://stackoverflow.com/users/123456789/anjanasenayanake)
Stack overflow



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Phone










Education

- 2015 – 2020  Bsc in Computer Engineering
[University of Peradeniya](#)
Second Upper Class Honors (3.5 GPA)
- 2006 – 2014  Secondary Education
[Trinity College Kandy](#)

Experience

- 2019 Feb - July  Proavos Labs Pvt Ltd
[Trainee Software Engineer](#)
- 2019 Aug - Now  Infinity Innovators Pvt Ltd
[AI and Software Engineer](#)


Achievements

- 2019  Brainstorm 2019, UOM
[2st Runners up](#)
Project – Mobile genomics
- 2018  ihack 4.0v, UCSC
[1st Runners up](#)
Project - Radiobook
- 2018  4IR Hackathon, SLASSCOM
[Successful participation](#)
Project – Gedara Idan
- 2018  ACES Hackathon, Faculty of Engineering, UOP
[Successful participation](#)
Project – Telepresence Robot
- 2017  ACES Hackathon, Faculty of Engineering, UOP
[Successful participation](#)
Project – Fat to Fit
- 2014  G.C.E Advanced Level Examination
Passed all 4 subjects sat with 3 distinction (A) and a very good pass(B)
- 2012  K.B Sangakkara Memorial Scholarship
Awarded for the academically promising top students in the A/L section
- 2012  Best Students Prize, Edu. Ministry of Central Province
[For top performances in G.C.E O/L examination](#)
- 2011  G.C.E Ordinary Level Examination
Passed all 9 subjects sat with distinctions (A) for all





Projects

- 2020 - Now**  Online Assessment & Proctoring Platform (Infinity Innovators Pvt Ltd)
Technologies – [ReactJS](#), [Python](#), [PostgreSQL](#), [AI](#), [Azure Cloud](#) & [DevOps](#)
Contribution – Development engineer for many critical system modules including CI/CD with Azure DevOps
- 2020**  Arogya – Health Service Platform
Technologies – [Android](#), [Node.js](#), [React.js](#), [Git](#)
Contribution – Team Leader, Design of the system, Collaborative development of Arogya mobile app, developed the backend
- 2019**  Mobile Genomics – Bioinformatics Project
Technologies – [Java](#), [Android](#), [C](#), [Vaddin](#), [Maven](#), [Git](#)
Contribution – Developed the f5n-server and the MinIt module in the f5n android app
- 2019**  Flexibus – e-Ticketing Platform
Technologies – [Android](#), [React Native](#), [SQL](#), [Node.js](#), [Git](#)
Contribution – Developed conductor side app and the backend
- 2018**  USB Interface – Hardware Project
Technologies – [Proteus](#), [C](#)
Contribution – Simulated 16x8 I/O board communication with USB via PIC18F4550
- 2018**  Radiobook – NLP Project
Technologies – [Stanford CoreNLP](#), [Text to Speech](#), [Maven](#), [Git](#)
Contribution – Developed a TTS module to read textbooks with different voices, Minor fine tunings to Stanford Core NLP
- 2018**  Automated Fishing Bot – Embedded Systems Project
Technologies – [Node.js](#), [Express](#), [Angular.js](#), [JavaScript](#), [HTML](#), [CSS](#), [MongoDB](#), [Arduino](#), [Raspberry Pi](#), [Git](#)
Contribution – Developed the frontend and backend for the Server, (REST APIs, Middlewares, Web App, Database, Validations), Programed relay node to server data push module, Implemented MQTT protocol for relay node – server communication.
- 2017**  Packet Forwarding Simulator – Software Project
Technologies – [Java](#), [JavaFX](#), [GraphStream](#), [Git](#), [Maven](#)
Contribution – Developed the whole UI/UX for the simulator, Integrated UI with the simulator, Software testing, Deploying of simulator software.
- 2017**  Gedaraldan App – Mobile application
Successful participation
Contribution – Contributed on developing the app

Mini – Projects (Individual)

- 2016 - 2017**  Optical Music Instrument
CPU & ALU Simulator with Verilog
Multi-threaded Auction Server in Java
Simple Image Manipulator in ARM Assembly

Extra - Curricular

- 2016 - Now**  Ceylon Dramatic Society, University of Peradeniya
[Member](#), [Won 1st place for crew in Lullaby, Dramsoc 2016](#)
- 2017 - Now**  Hackers Club, University of Peradeniya
[Member](#)
- 2013**  Vice Secretary of Sinhala Literary Union, Trinity College, Kandy
- 2006 - 2009**  Annual Sports Meet, Trinity College, Kandy
[1st Place in 15x100m \(2006 - 2009\)](#), [1st Place in 4x100m \(2008\)](#)

Computer Skills

Programming Languages (In order of fluency) JavaScript, Java, Python, C

Cloud Technologies Azure Cloud, Azure DevOps

Data Science Technologies Tensorflow, Turicreate, Scikit-learn, Keras

Web HTML, CSS, PHP

Mobile Programming Android, React Native

Frameworks/Technologies (Familiar) ReactJS, NodeJS, Express, JavaFX

Version Control Git

Graphics Adobe Photoshop, CorelDraw

Operating Systems Linux, Microsoft Windows, Android

Databases MySQL, PostgreSQL, Oracle, MongoDB

Hardware-oriented Programming Arduino C, Verilog HDL

Procedural Programming ARM Assembly

Documents / Type Setting Latex, MS Office, Libre Office

Theoretical Knowledge Machine & Deep learning, AI, Data Structures and Algorithms, Computer security

Referees

Prof. Roshan Ragel
Senior Lecturer,
Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya,
Sri Lanka.

Dr. Isuru Nawinne
Lecturer,
Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya,
Sri Lanka.