# Rasandun S. Perera



🌐 www.rasandun.com
✉ rasandunperera20@gmail.com
📞 (+94) 71 310 2995
📍 72/8, Mulleriyawa, Himbutana, Angoda.
in www.linkedin.com/in/rasandun

## Personal Statement

I am a dedicated, creative and organized individual with good interpersonal skills. I work well with a team as well as individually with great attention to detail. I have participated and led many projects and industry related competitions and I have a great skill arranging a new environment very quickly as well. I am eager to bring my skills to your organization and contribute and learn from industry experts.

## Experiences

- **Project Manager & Founder - ThetaLoop |** Self Employed
  **2021 - Present | www.thetaloop.com**

  Overall responsibility as the higher management of the Tech Startup. Managing & leading Development, Design, Analytical and Research Teams. Has experience in working with local and international level customers providing high quality design and development services.

- **Freelance - UI/UX & Graphic Designer**
  **2017 - Present | fiverr & on-call**

  Providing high quality products for 7 years and counting. Specializing in User interface and User Experience, Graphic and Video Designing. Creating fully documented designs from start to end explaining the process of thinking. Produced more than 75 projects.

- **Lecturer - Nalanda College Astronomy**
  **2020 September - Present | Nalanda College Alumni Astronomical Society**

  Mentored over 1000+ Sri Lankan Governmental and Non-Governmental School Students from Grade 5 to 13 and University Undergraduates under the topics of Astronomy, Observational Astronomy, Cosmology, Astrophysics, Astrophotography and Practical Astronomy..

- **President - AIESEC in Saegis**
  **2024 - Present | Saegis Campus, Nugegoda, Sri Lanka.**

  Overall Management of the entity of AIESEC in Saegis Campus by leading and creating 55+ young leaders within the university. Managing teams of Public relations, Marketing, Digital Experience, Business Development and Finance.

## Education

- **Pearson BTEC Higher National Diploma in Computer Software Engineering**
  **Saegis Campus, Nugegoda, Sri Lanka | 2022 - Present**

  The following are the modules that I have completed and their grades accordingly

  Professional Development - Distinction          Mathematics for Computing - Distinction
  Programming (Java) -Distinction                 Security -Distinction

Networking - Distinction

Database Management - Distinction

Business Intelligence - Not yet Graded

Computing Research Project - Not yet Graded

Discrete Mathematics - Not yet Graded

Advanced Programming (Java) - Not yet Graded

Software Development Life Cycle -Distinction

Computing Project - Distinction

Data Structures and Algorithms, - Not yet Graded

Machine Learning (Python) - Not yet Graded

Artificial Intelligence- Not yet Graded

- **Diploma & Advanced Diploma in Software Engineering**
  **ATARI City Campus, Colombo 10, Sri Lanka | 2019 - 2020**

  Diploma in Software Engineering - **First Class Honors.**
  Advanced Diploma in Software Engineering - **Second Class Upper**

  The following are the modules that I have completed with those -
  Software Project Management, Jasper Reporting, Software Design, Testing and FInalizing, Software
  Documentation, UML, Database Management, Java APIs, SQL

- **High School Diploma - Nalanda College, Colombo 10, Sri Lanka**
  **2008 - 2021**

  G.C.E (Ordinary Level) - 9As ( Japanese, ICT, Kandyan Dancing )
  G.C.E.( Advanced Level -  Bio Science Stream ) - 1S
         General English - A | General Knowledge - 56

## Projects

- **Individual Research - "Is a digitally sustainable Sri Lanka far from 2030"**
  **2023 - Present |** Associated with Pearson HND in SE

  Quantitative and Qualitative research & comprehensive study on the environmental impact
  of digital transformation in Sri Lanka.

  Skills used : Research & Documentation, Problem Solving, SPSS Analytics.

- **Asteroid Classification using Machine Learning** | **2024**

  Created Machine Learning models to identify and classify hazardous and non hazardous asteroids in low earth
  orbit using NASA and JAXA datasets.

  Skills used : Python, Google Colab, Keras.

- **Health Checker** | **2019**

  Created a Java Program to predict and showcase an over the counter drug to be taken by analyzing a history
  of a patient and their symptoms.

  Skills used : Java, MySQL, Research & Documentation.

- **LandSlideLK & TravelLK** | **2022**

  UI/UX projects with high fidelity clickable prototypes. Both created for competitions and LandslideLK won 1st
  place for best Idea and UI/UX presentation.

  Skills used : Figma, Adobe XD, Adobe Photoshop and Illustrator. Documentation.

- **NASA SPACE APPS Hackathon** | **2020, 2021. 2022**

  Universal Docking System - Click Here to view.
  Impact on our life from COVID 19 - Click Here to view
  Armadrillo, The Drilling Probe - Click Here to view
  Odyssey Metric - Click Here to view

  Skills used :  Python, PowerBI, Google Colab, Google Sites. HTML, CSS, Js, PHP, 3D modeling and Designing,
  Research & Documentation, Presentation, Astrophysics.

# Awards and Honors.

- NASA Space Apps Hackathon
  - 2020 | Best Project Create Category - Team Lead
  - 2021 | Best Use of Data Award - Team Lead
  - 2022 | Global Connectivity Award - Team Lead
- Chinese Language Proficiency - All Island 8th Place | HSK 3 Qualified (world top 30%)
- Bronze Medalist - Sri Lanka Junior & Astrophysics Olympiad (2015 & 2019)
- 3D Design & Printing Competition 2017 - Champions - Team Lead
- Globe Trotters Quiz Competition - Second Place
- MindKraft Quiz Competition - First Place
- School Best Performance in Dancing (2014,2015,2016,2017,2018)

# Extra Curricular Activities

- 1st Vice President - Rotaract Club of Gampaha (2023 - Present)
- Vice President for Marketing and DIgital Experience - AIESEC in Saegis | Term 23.24
- President & Instructor - Nalanda College Astronomical Society (2018- 2020)
- Webmaster - Leo Club of Colombo Downtown Alliance (2022-Present)
- Chief Technical Officer - Stargazers SL (2020-Present))
- Team Lead - School Web Development Team
- School Primary & Junior Western Band (2011-2018)
- Green "Haritha" Medalist - School Environmental Society
- Member - Quiz Club, Chinese Language Program, CRI Sri Lanka, Japanese Circle, ICT Society, Young Inventors Club, Cinematography Society, Kandia Dancing Circle.

# Skills

## Soft Skills

- Problem Solving & Critical Thinking
- Public Speaking & Presentation
- Leadership & Team Work
- Project Management
- Creativity
- Adaptability
- Analytical skills
- Negotiation
- Organizational Skills

## Hard Skills

- Technical Skills (Java, Python, JavaScript, Dart, Flutter, HTML, CSS, SEO, SQL, UML)
- UI/UX, CI/CD Pipelines, Git, Networking, Computer Security, Azure, Database
- Agile Software Development
- Software Testing and reporting
- Microsoft Office Suite, Adobe Suite
- Research & Documentation
- Marketing

# Referees.

**Professor (Dr.) S. Vasanthapriyan, Ph.D, SMIEEE**
Dean, Faculty of Computing,
Professor in Computer Science,
Sabaragamuwa University of Sri Lanka,
P.O.Box 2, Belihuloya, Sri Lanka.

Email : priyan@appsc.sab.ac.lk
M: (+94)71 785 1500

**Mr. K H Navoda**
B.Sc. (Hons), MCS, BCS HEQ
Senior Lecturer (Grade II)
Head of Department (International Programs)
Faculty of Computing & Technology
Saegis Campus, Nugegoda, Sri Lanka.

T:   (+94)11 743 0000  (Ext:860)
M:  (+94)71 200 5504