Pavan Pitiwaduge

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⌾ GitHub - www.github.com/rajivaPavan

in LinkedIn - www.linkedin.com/in/pavan-pitiwaduge/

EDUCATION AND QUALIFICATIONS

- **University of Moratuwa, Sri Lanka** (2022 - 2026)
  B.Sc in Engineering (Hons) - Computer Science & Engineering

- **Ananda College, Colombo 10, Sri Lanka** (2018 - 2020)
  GCE Advanced Level Examination (2020) - 3A passes in the Physical Sciences stream (Combined Mathematics, Physics, Chemistry) with a ZScore of 2.5883 and Island Rank 111

- **Lyceum International School, Panadura, Sri Lanka** (2007 - 2017)
  GCE Ordinary Level Examination (2017) - 9A passes for Mathematics, Science, English, Sinhala Language & Literature, Buddhism, History, Business Studies & Accounting, ICT, and English Literature

WORK EXPERIENCE

- **Software Developer** - Good Reads Lanka Solutions (Pvt) Ltd (July 2023 - Present)
  Developed an app using Flutter and WebAR applications using MindAR.

- **Associate Software Engineer** - RoboticGen (Pvt) Ltd (December 2023 - Present)

- **Software Developer Intern** - RoboticGen (Pvt) Ltd (August 2023 - December 2023)
  Developed a website of the company using Framer.

- **Freelance Software Developer** - Ecode IT (August 2021 - July 2023)
  Develop real-time web applications using .Net Core and SignalR.

PROJECTS

- **Old Anandian Engineers' Guild Website** (August 2023 - Present)
  Lead a team of developers to build the guild's website.
  Link - github.com/OAEG-Student-Chapter/oaeg-website
  Technologies - Next.js, Meta API, Blogger API

- **EXMO 23 Official Mobile App** (July 2023)
  Developed the Augmented Reality feature for the Official mobile app of EXMO 23
  Link - exmo.uom.lk/app/
  Technologies - React Native, Android

- **WebAR Application for CSE Poson Event** (June 2023)
  Developed an Augmented Reality web application for the Poson Event 2023, organized by the Department of Computer Science and Engineering, University of Moratuwa.
  Project Link - github.com/rajivaPavan/mindar_cse_poson
  Technologies - MindAR, AFrame, Vue.js

- **Nano-processor Design Project** (May 2023 - June 2023)
  Designed a 4-bit nano-processor as a group project for the course Computer Organization & Digital Design (CS1050) in the second semester at the University of Moratuwa.
  Project Link - github.com/rajivaPavan/Nanoprocessor-Design-Project
  Technologies - VHDL, Xilinx Vivado

- **PI Day Quiz Web Platform** (March 2023 - Apr 2023)
  Built a customized web platform for the PI Day Quiz 2023, an annual quiz competition organized by the Maths Society of the University of Moratuwa.
  Project Link - github.com/rajivaPavan/QuizApplication
  Technologies - Vue.js, .Net Core, Azure Blob Storage, MySQL

- **Personal Website** - pavanpitiwaduge.me (Since October 2022)
  Technologies - Vue.js, Bootstrap, Sass

- **Speech Olympiad XV Website** - speecholympiadxv.github.io (August 2022 - September 2022)
  Member of the web development team of Speech Olympiad, the premier intra-university speech competition of the University of Moratuwa.
  Project Link - github.com/SpeechOlympiadXV/speecholympiadxv.github.io
  Technologies - Vue.js

- **Kards** (July 2022 - September 2022)
  Led the team that built this real-time multiplayer mobile game application with an inbuilt audio call feature.
  Link - play.google.com/store/apps/details?id=games.kardsapp.cardgame
  Technologies - Flutter, .Net Core, SignalR, WebRTC

TECHNICAL SKILLS

- **Backend Frameworks** - .Net Core

- **Frontend Frameworks** - Next js, React, Vue js, Bootstrap

- **Web Technologies** - SignalR, WebRTC, MindAR, AFrame

- **Mobile App Development** - Flutter, React Native, Android

- **Languages** - C#, Typescript, JavaScript, Python, Java, C, C++, HTML, CSS, Markdown

- **Version Control** - Git, GitHub

- **Database Management Systems** - MySQL

- **Cloud Platforms** - Azure, DigitalOcean

- **Other** - LaTeX

OTHER SKILLS

- Communication

  - English (Professional proficiency)
  - Sinhala (Native proficiency)

ACHIEVEMENTS

- **Idealize 2021** - An island-wide ideathon and app development competition organized by the Aiesec Club of the University of Moratuwa, Powered by IdeaMart. Team leader of the team "Team Erudite" which won the 1st Runner-Up award for our mobile game application "Kards"

PROFESSIONAL AFFILIATIONS

- **Assistant Director IT,** Old Anandian Engineers' Guild - Student Chapter (March 2023 to present)

- **Executive Committee Member,** Old Anandian Engineers' Guild - Student Chapter (March 2022 to March 2023)

EXTRACURRICULAR ACTIVITIES

- **Member of the Gavel Club of the University of Moratuwa** (March 2022 - Present)
  Co-chaired multiple projects in the years 2022 and 2023

- **Event Photography** (March 2023 - Present)
  Covered multiple events in the Gavel Club of the University of Moratuwa

- **Compering** (Sep 2022 - Present)
  Hosted multiple events in the Rotaract Club of the University of Moratuwa and the Gavel Club of the University of Moratuwa

CERTIFICATIONS

- **IELTS Academic** - Band Score 8.5 (Issued Oct 2021 · Expires Oct 2023)
  TRF Number - 21LK004993PITR012A)

  - • Speaking - 9 • Listening - 9 • Reading - 8.5 • Writing - 7.5

VOLUNTEER EXPERIENCE

- **Math Tutor** - Tutored students for the GCE Ordinary Level Examination in 2021 in few seminar programmes, as a volunteer in the Ganitha Sawiya Project organized by the Sasnaka Sansada Foundation.

- **Forum Contributor at forumac.org** - I was mainly in charge of conducting and organizing online Physics and Combined Mathematics quizzes via the forum and have also posted answers to the questions of the College Advanced Level students in the Physical Science stream.

PERSONAL INFORMATION

- Full Name : Rajiva Pavan Pitiwaduge

- Citizenship : Sri Lankan

- Interests and Skills

  - Philosophy
  - TV Series and Movies
  - Singing & Playing Guitar
  - Photography