



Kumaran Balachandran

Software Engineer

As a forward-looking Software Engineer with 1+ years' background in creating and executing innovative software solutions to enhance business productivity. Experienced in all aspects of the software development lifecycle from concept through to development and delivery. I am deeply engaged in contributing my knowledge and talents to make a meaningful impact in the field of software development. I am a self-motivated learner, continuously seeking innovative solutions to solve complex problems in the realm of software engineering.

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📍 Vaddu East, Sithankerny, Jaffna, Srilanka

🌐 [linkedin.com/in/balachandran-kumaran-4363361a8](https://www.linkedin.com/in/balachandran-kumaran-4363361a8)

🔗 github.com/bkumaranbk

🔗 balachandran-kumaran.vercel.app

AREAS OF EXPERTISE

Web Application Design & Development

Software Development Lifecycle

Project Management

Time Management

Teamwork

UI/UX

Scrum & Agile Methodologies

WORK EXPERIENCE

Full-stack Developer - *Freelance*

Softnits Solution 🔗

Sep/2023 - Present

Jaffna, Sri Lanka (Hybrid)

- I worked on a project called GrowinUP for dyslexia kids. Use machine learning techniques like voice-to-text and text-to-voice with an interactive UI design.
- In that project, I manage client meetings to ensure effective communication and expected project goals and facilitate celebrative decision-making.
- I worked on another project (like a 3D virtual voice assistant web app), developed the UI landing page design using Figma with Prototype, and got user acceptance after minor UI changes.
- I am working on landing page design using React JS and simultaneously doing research and learning LLM (large language model) and voice assistant applications for this project with my team members.

Intern Software Engineer

Apptimus Tech (Pvt) Ltd 🔗

Aug/2022 - Mar/2023

Jaffna, Sri Lanka (On-Site)

- I learnt, developed a full-stack application using Laravel PHP Framework and ReactJs, with additional technologies such as JavaScript, MySQL, and SqlYog.
- Worked on the Moura E-Learning platform, participating in Scrum meetings and brainstorming sessions with teams. Specifically, focused on API development using Laravel and designed landing pages using ReactJs. Also, I assigned researched and developed a Zoom-like interface using Zoom SDK and ReactJs.
- Contributed to resolving bugs in ERP systems like Apptimate ERP and Northern Hospital Management systems, demonstrating problem-solving skills.
- Recognized as a fast learner and efficient worker by the CEO and teammates, showcasing adaptability and productivity in the workplace.

TECHNICAL SKILLS

React JS

Express JS

Node JS

JavaScript

Java

PHP

Laravel

HTML5

CSS

C

Python

MySQL

MongoDB

Docker

Tailwind CSS

MUI

Git

GitLab

AWS

S3 Bucket

Bootstrap

Adobe XD

Figma

VS Code

WordPress

SOFT SKILLS

Leadership

Self-Motivation

Self-Discipline

Adaptive Person

Time Management

Motivator

Teamwork

Risk-Taker

COURSES & TRAININGS

Full-stack Web Developer

Devtown 

Aug/2021 - Dec/2021

India (Remote)

- During my first training learn full-stack web application, I delved deep into MERN stack web development, concentrating on technologies like React JS, Express JS, Mongo DB, and Node JS. This experience allowed me to develop projects and fine-tune my workflow management skills, setting the stage for a focused and rewarding career in web development.

CERTIFICATES

Completed the AI for India | Apr 2021

GUVI Geek Networks, IITM

Build a Face Recognition Application using Python | Apr 2021

GUVI Geek Networks, IITM

Cloud Foundation | Jan 2024

Great Learning

User Experience Design from A-Z : Adobe XD UI/UX Design | Aug 2021

Udemy

VOLUNTEER EXPERIENCE

Tamil Students Association, University of Kelaniya

Event Coordinator & Volunteer

2019 - 2023

- Coordinated events such as Mathugai and Thai Pongal celebrations. And actively participated in meetings to discuss organizational strategies and plans.

Information Technology Students' Association, University of Kelaniya

Member

2019 - 2023

- Actively participated in meetings and knowledge session conducted by ITSA.

PERSONAL PROJECTS

Identifying High-Value Customers through Cluster-based Analysis in a Real-world Marketing System - Academic Research ([Project Link](#) & [GitHub Repo](#))

- This study holds important implications for businesses that operate in a customer-focused environment. Thus, it can help marketers create personalized marketing strategies and increase customer satisfaction and productivity.

Technologies - Unsupervised & Supervised Machine Learning Algorithms, Google Colab, Streamlit

Inventory Control System ([GitHub Repo](#))

- This is a simple inventory control system to track inventory items, and this is a web based application using python language.

Technologies - Python, PyQt5

EDUCATION

Bachelor of Information and Communication Technology (BICT Honors)

University Of Kelaniya, Sri Lanka.

Second Class Upper Division : GPA 3.43

2019 - 2023

LANGUAGES

English - Full professional proficiency

Sinhala - Limited working proficiency

Tamil - Full professional proficiency

EXTRA - CURRICULAR ACTIVITIES

School Prefect | 2012 - 2017

J/Vaddu Hindu College

Volleyball & Cricket team captain | 2016 - 2017

J/Vaddu Hindu College

Writer - Medium

https://medium.com/@kumaran_bk

Sports Captain | 2017

J/Vaddu Hindu College

School Tamil association secretary | 2016

J/Vaddu Hindu College

NON - RELATED REFEREES

Mr. Anojan Kaneshathas

Founder and CEO Apptimus tech (Pvt) Ltd.

Jaffna, Srilanka.

Email : info@apptimustech.com

Dr. S. R. Liyanage

PhD (NUS, Singapore), MPhil (Peradeniya, SriLanka), BSc (Special) (Kelaniya, SriLanka), MIEEE Senior Lecturer (Grade I) in Computer Science Head / Department of Software Engineering Faculty of Computing and Technology University of Kelaniya.

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