

Priya Darshan Nagesh

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PROFILE

Motivated and results-driven master's student in Advanced Computer Science with a passion for both technology and community service. Possesses a solid foundation in computer science principles through academic projects, coupled with extensive volunteering experience in organizing events, teaching, and team collaboration. Adaptable, with strong problem-solving skills, excellent leadership qualities, and a commitment to giving back to the community. Eager to apply both technical and interpersonal skills in a part-time role, contributing positively to a dynamic team while continuing my academic journey..

EDUCATION

Newcastle University, United Kingdom
MSc. Advanced Computer Science

September 2024 to September 2025

Relevant Coursework: Research methods, Privacy and Security Systems, Distributed Algorithms, Cloud-Computing, Computational Intelligence, Advanced Programming in Java, Enterprise Middleware, Secure Software Development, Engineering for AI.

- Pursuing master's with a focus on research and applications of computer science concepts with the courses focused on improving skills in Computer Sciences with advanced implementations of information technology. [Possibility of early Graduation in September 2025]

Visvesvaraya Technological University
Bachelor of Engineering in Computer Science Engineering

June 2020 to August 2024

Relevant Coursework: Data Structures and application, Web Programming, Cloud Computing, Programming with Python, Networking.

- Completed bachelor's degree with a focus on Computer Science and Engineering with the Department of Computer Science at East West Institute of Technology. Achieving First class (7.8 CGPA) overall and awarded Valedictorian of the batch.

PROJECTS AND PUBLICATIONS

- **Smart Aqua sync: An IOT-Integrated System For Sustainable Aquaculture And Hydroponic Cultivation, Enhancing Efficiency In aquaponics and Agrotech Management– Associated with Visvesvaraya Technological University**

This project presents **SMART AQUASYNC**, an innovative IoT-integrated solution designed to revolutionize aquaculture and hydroponic cultivation. By utilizing advanced sensor technology, the system monitors key environmental parameters such as water quality, nutrient levels, and fish behavior in real-time. This data-driven approach empowers farmers by providing historical insights and automated alerts, optimizing efficiency and sustainability. With a centralized mobile application for remote monitoring and control, **SMART AQUASYNC** offers a scalable, sustainable solution for aquaponics and agrotech management, contributing to resource conservation and improved agricultural productivity. Join us in pioneering the future of sustainable farming.

Published by: International Journal For Technological Research in Engineering Volume 11 Issue 4 December-2023 ISSN (online) 2347-4718

DOI: ISSN (online) 2347-4718

Additional information: The project has received approval and funding from the State Government of Karnataka under the 46th series of the Student Project Programme, facilitated by the Karnataka State Council for Science and Technology (KSCTC). It was selected for support due to its significant utility for vocally impaired individuals in society.

SKILLS

Programming and Platforms: Java, Networking, Cloud-Computing, AI/ML, Linux Programming, Software-Development, Web-Development, Data Structures, Databases, Problem-Solving, Critical-Thinking, Leadership, People Management, Emotional Intelligence, Teamwork Communication, Public Speaking, Data Analysis, Team player, Creative Thinker.

Courses: Full stack Web development Bootcamp (Udemy), Applying Machine learning to your data with Google Cloud (google), Applying Machine learning to your data with google cloud (google), Exploring and creating your data with big query (google).

WORK EXPERIENCE

FREELANCE WEB DEVELOPER

SEPTEMBER 2023 – NOVEMBER 2023

Accurate Info Solution, Bengaluru

- Created a precision-focused WordPress website.
- Implemented custom features to enhance user experience.
- Gained knowledge in Application development.
- Web Application Tester.

SOFTWARE INTERN

AUGUST 2023 – SEPTEMBER 2023

Bharat Electronics Limited (BEL)

- Worked on weekly assignments and designed UX and UI. Learned the basics of supervised learning algorithms.
- Built a dynamic interface which serves as a platform for efficiently managing communications in the subsystem.
- Developed skills in Python, Tkinter and JS.
- Gained knowledge in Teamwork and project management.

HOBBY PROJECTS

- CS:GO Round Winner Predictor - Machine and Deep Learning.
- Food Donation App - Android Studio.
- Wedding Management System - Full Stack web application.

ADDITIONAL INFORMATION

- Best Leadership Qualities Award- East West Institute of Technology (Visvesvaraya Technological University).
- Group Youth Icon Technical Award - East West Institute of Technology (Visvesvaraya Technological University).
- Award of Excellence in Cultural Category - East West Institute of Technology (Visvesvaraya Technological University).
- Valedictorian Award- East West Institute of Technology (Visvesvaraya Technological University).
- Vice Chancellor's International Scholarships 2024 (PGT) awardee- Newcastle University.

VOLUNTEERING

- Technology awareness in School, Swatch Bharat campaign (Clean India), Food Donation in Blind School | AICTE, India.
- Worked as a team member at KFC and Burger King, enhancing teamwork and customer service skills.
- Assisted at an old age home for 6 months, organizing engaging activities and events to bring joy to the elderly.
- Taught school children art and science for a year, fostering creativity and curiosity through hands-on learning.

EXTRA-CURRICULAR ACTIVITIES

Youtuber, Gaming, Cricketer, off-road Bike Riding, Hiking, Dance

REFERENCES

Available upon request