UKAY KHING MARMA JOY

Linux Enthusiast | Software and IOT Engineer

ABOUT ME

I am an agile Software Engineer with practical experience in embedded systems, Automotive Grade Linux (AGL), CAN Bus technology, and full-stack web development. I focus on designing durable, scalable software solutions on both hardware-integrated platforms and contemporary web architectures. Backed by a background in Linux-based development, open-source tools, and frameworks such as React, Node.js, and Django, I have a passion for solving complex issues where software and hardware meet.

EXPERIENCES

JaduPc | *Sep 2024 - Present*

Software and IOT Engineer

- Design, implement, and maintain (Flutter, GTK, QT) applications.
- Coordinate with teams of developers to create efficient and software solutions.
- Analyze user requirements and design and developed Software & IOT solution that meets their needs.
- Researched under-hood automotive communication using Automotive Grade Linux (AGL).
- Built a prototype EV simulator on Embedded System.

Self-Employed | *2019 - 2023*

Full-Stack Developer

- Developed custom web applications for local businesses and startups
- Designed and deployed full-stack solutions using modern frameworks and cloud services
- Built responsive and accessible user interfaces with seamless backend integrations.
- Handled end-to-end project lifecycle including client communication, scoping, and delivery.

Artshala | *2017 - 2018*

WordPress Developer

- Developed and customized WordPress themes and plugins for client websites.
- Optimized website performance and improved SEO rankings for multiple projects.
- Collaborated with designers to translate mockups into responsive websites.
- Provided ongoing maintenance and support to ensure site stability and uptime.

CONTACT

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EDUCATION

2019 - 2020
Bandarban Collectorate School
Secondary School Certificate (SSC), Science

2021 - 2023
Milestone College, Uttara, Dhaka
Higher Secondary Certificate (HSC), Science

2024 - Present
Independent University, Bangladesh
Bachelor of Science in Computer Science and Engineering

SKILL

- Comfortable working independently and as part of a team.
- **Programing Language -** C, CPP, Typescript, Ruby, GO, Bash, Python, Dart.
- **Framework -** REACT, ANGULAR, RAILS, NESTJS, NODE, DJANGO, GTK, QT.
- **Automotive Tech -** Automotive Grade Linux (AGL), CAN Bus Systems.
- **Embedded System.**

LANGUAGE

- **Bengali** – Native
- **English** – Fluent

INTERESTS

- Painting and digital art
- Creating open-source tools for everyday tech simplification