

# ARAFAT KAMAL

## Full-Stack Software Engineer

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### PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 4.5+ years of experience building scalable, maintainable web and mobile solutions using Laravel, Vue, React, Node.js, and Flutter. Successfully delivered 45+ projects, including ERP, POS, E-Commerce, SaaS, and Diagnostic Management platforms. Passionate about clean code, modular architecture, and solving real-world business challenges through modern technologies. Actively leveraging AI-assisted development tools and LLM integrations to accelerate delivery and build intelligent features into applications.

### PROFESSIONAL EXPERIENCE

#### Software Engineer

*Softzino Technologies* | June 2023 – Present

- Developing and maintaining Hishabi – a multi-package Inventory & POS system with Laravel, Vue 3, Inertia.js, and TypeScript, serving real-time reporting and REST API integrations.
- Implementing comprehensive testing strategies using PHPUnit, Pest, and Vitest for both backend and frontend coverage.
- Architecting scalable e-commerce features, including payment method-wise refund systems and advanced sales reporting.
- Integrating AI/LLM capabilities into development workflows for accelerated feature delivery and intelligent automation.

#### Full-Stack Web & Flutter Developer

*Genie InfoTech* | September 2020 – May 2023

- Delivered 40+ full-stack web and mobile projects across diverse domains, including E-Commerce, fleet management, diagnostic systems, and social platforms.
- Built cross-platform mobile applications (Android & iOS) using Flutter with Firebase, OneSignal push notifications, and real-time features.
- Developed REST APIs with Laravel and integrated third-party services, including payment gateways, WebSocket, WebRTC, and Pusher.
- Led end-to-end development for international clients in Denmark (Maway, Limadi, FE-Pay) and the Middle East (Qetaty).

### TECHNICAL SKILLS

SL	Skill Area	Proficiency & Details
1	Programming Languages	PHP, JavaScript, TypeScript, Python, Dart, Java, C++
2	Backend Development	Laravel, Node.js, Express.js – REST API design, authentication, queue management, and microservice patterns
3	Frontend Development	Vue 3, React, Next.js, Inertia.js, Tailwind CSS, MUI, Ant Design, Shadcn, PrimeVue, Bootstrap, jQuery

4	Mobile Development	Flutter (Android & iOS) with Firebase, OneSignal, and native platform integrations
5	Database & Storage	PostgreSQL, MySQL, MongoDB, Redis, Firebase – both SQL and NoSQL database design and optimization
6	AI & LLM Integration	LLM API integration (OpenAI, Google Gemini), AI-assisted development with Claude Code, Codex, Trae, Antigravity; prompt engineering for rapid prototyping
7	DevOps & Infrastructure	Docker, AWS (EC2, S3, RDS), VPS deployment & management (Nginx, PM2, SSL), CI/CD pipelines, GitHub Actions
8	Real-Time & Communication	WebSocket, WebRTC, Pusher, OneSignal – real-time features and push notification systems
9	Testing & Quality	PHPUnit, Pest, Vitest, TDD methodology, unit testing, feature testing, and integration testing
10	Tools & Practices	Git, GitHub, Jira, VS Code extension development, Laravel package development, GraphQL

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## KEY PROJECTS

### Hishabi – Inventory & POS System

Enterprise-grade inventory and POS system with multi-package architecture, REST APIs, real-time reporting, and comprehensive business management features. (hishabi.com)

**Tech Stack:** PHP, TypeScript, Laravel, Vue 3, Inertia.js, PostgreSQL

### Jibon Sheba – Diagnostic Management System

Complete diagnostic management platform with role-based access control, lab test tracking, automated workflows, and patient management. (jibonsheba.com)

**Tech Stack:** PHP, TypeScript, Laravel, Vue, Inertia.js, PostgreSQL

### Maway – Driving School Management (Denmark)

Multi-platform driving school management with 3 mobile apps (school, instructor, student) and 2 web applications (admin and school panel). International deployment in Denmark. (maway.dk)

**Tech Stack:** PHP, Dart, Laravel, Flutter, MySQL, Firebase

### Limadi – Fleet Management System (Denmark)

Comprehensive fleet management with 3 mobile apps (customer, company, driver) and web panels. Real-time tracking and fleet operations management. (limadi.dk)

**Tech Stack:** PHP, Dart, Laravel, Flutter, React, MySQL, Firebase

### Gifty & Qetaty – E-Commerce Platforms

E-Commerce solutions for gift cards (Gifty) and car parts (Qetaty) with mobile and web applications, including customer, shop, and admin panels.

**Tech Stack:** PHP, Dart, Laravel, Flutter, React, MySQL

### BipHip – Social Media Platform

Full-featured social media application with real-time messaging using WebSocket, news feed, user profiles, and social interactions. (biphp.com)

**Tech Stack:** PHP, JavaScript, Laravel, Next.js, MySQL, WebSocket

**Other Notable Projects:** Garage Inventory (multi-tenant), FE-Pay (cross-platform money transfer), VirtualQ (queue management), RQBM (QR-based menu), CRG (house rental management), School/ERP/Library management systems, and 20+ additional projects.

## ACADEMIC BACKGROUND

SL	Certification	Discipline	Institution	Status	GPA/CGPA	Passing Year
1	B.Sc	CSE	Shahjalal University of Science & Technology	Passed	3.35/4.00	01-2020
2	HSC	Science	Rajuk Uttara Model College	Passed	5.00/5.00	05-2013
3	SSC	Science	Cumilla Zilla School	Passed	5.00/5.00	04-2011

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## COMPETITIVE PROGRAMMING & ACHIEVEMENTS

- SEC ICT Fest 2017 – Programming Contest (2nd Position)
- SUST Techfest 2019 – Hackathon (Top 10)
- SUST CSE Carnival 2015 – Programming Contest (Honorable Mention)
- UVA Online Judge – Solved over 100 problems
- Active on Codechef (Rating 1506), Codeforces, and HackerRank (3-star Problem Solving & SQL)

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## LANGUAGE PROFICIENCY

**Bengali:** Native (Reading, Writing, Listening, Speaking) | **English:** Excellent (Reading, Writing, Listening) / Good (Speaking)

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## PERSONAL INFORMATION

**Date of Birth:** 25 August 1995 | **Place of Birth:** Cumilla, Bangladesh | **NID:** 2853197750