Harsha Vardhan NJ

Github | Website
LinkedIn | 9976871783 | harshavardhannj@gmail.com

PROFESSIONAL SUMMARY

Software Engineer with 2.5+ years of experience in full-stack development, working with Flutter, React, Node.js, and Shopify. I've built cross-platform mobile apps, web applications with Remix, and integrated cloud services like AWS Lambda and Supabase. I also work with LLMs, leveraging OpenAI's Chat Completion API to develop AI-driven features. Passionate about writing clean, efficient code and building scalable, high-performance applications. Always eager to learn and explore new technologies.

SKILLS

LANGUAGES:
● Dart   ● Node

FRAMEWORKS & LIBRARIES:
● Flutter   ● Express   ● React
● Remix

PLATFORMS & TOOLS:
● Shopify Polaris Components
● AWS Lambda   ● AWS S3 Bucket
● AWS API Gateway   ● Firebase
● GitLab

DATABASES:
● Supabase   ● MongoDB   ● Firebase database

FAMILIAR WITH:
● Python(Fast API)   ● HTML
● Bootstrap   ● MySQL

EDUCATION

K.L.N. COLLEGE OF ENGINEERING

Master of Computer Applications
April 2022 | Madurai
CGPA: 9.1 / 10

SOURASHTRA COLLEGE

B.Sc. in Computer Science
April 2020 | Madurai
CGPA: 7.1 / 10

EXPERIENCE

BINARYCHAKRA | Software Engineer

Oct 2023 - Present | Madurai

- Developed and deployed multiple successful Shopify apps using Polaris, Remix, React, and Node.js, enhancing client satisfaction and user engagement.
- Built cross-platform macOS applications with Flutter, reducing development time and maintenance efforts.
- Designed and optimized real-time data systems using MQTT protocols, improving application performance by 30.%.
- Developed and optimized API logic using Python FastAPI to enhance performance and integrate AI models seamlessly.
- Collaborated with cross-functional teams to integrate APIs, third-party services, and cloud solutions..

CRON24 TECHNOLOGIES | Mobile App Developer

Mar 2022 – Sept 2023 | Madurai

- Designed and implemented efficient state management systems for Android & iOS applications, ensuring smooth functionality
- Developed and maintained mobile apps using Dart, Flutter, and integrated APIs with JSON for dynamic data handling.
- Integrated key features like Google Maps API, Stripe payments, Firebase push notifications, Firebase Realtime Database, Google Analytics, and Google Ads
- Managed app performance, debugging, and deployment.
- Handled multilingual content updates to improve localization and user engagement.

PROJECTS

STORE BLOG - SHOPIFY EMBEDDED APP | Full Stack

Shopify App Store

- Developed an AI-powered Shopify app that generates SEO-optimized blog articles to boost product visibility and sales. .
- Integrated OpenAI's GPT model with prompt engineering for relevant and high-quality content creation.
- Used cosine similarity and embeddings to match articles with store products, enhancing search rankings.
- Implemented AWS Cron for automated article publishing and multi-language support to expand reach.
- Enabled content repurposing to share articles across various platforms, maximizing reach and engagement.
- Leveraged Hugging Face models for AI-generated images, improving blog presentation.
- Designed a scalable, maintainable architecture for seamless future enhancements.

CERTIFICATES

LAMP
(Linux, Apache, MySQL, PHP) Course
(12/2019)

AI-POWERED NOTIFICATION APP | Full Stack Web Application

- Developed a Shopify-based app that leverages AI-driven notifications to enhance store sales.
- Integrated OpenAI to analyze store data and generate relevant notifications, helping merchants optimize engagement.
- Built on a Kafka-based pub-sub architecture for real-time event processing and scalable performance.
- Implemented webhooks to trigger notifications based on store events, ensuring timely alerts.
- Developed a React Chrome extension to receive and display notifications seamlessly for merchants.

HYRA | Mobile Application
Android
Technologies: Flutter, Firebase Push Notification, Stripe, Riverpod, Google Maps API, Google Analytics

- Created a responsive user interface for a vacation rental and experience booking platform, designed for both Android and iOS, which led to a 30% boost in user engagement.
- Developed an intuitive UI that enhances the vacation rental booking experience.
- Used Riverpod for effective state management, ensuring smooth and responsive app performance.
- Utilized real-time Firebase database and Google Analytics to monitor app performance and user interaction.
- Integrated convenient login options through Google, Facebook, Apple, making it easy for users to access their accounts.

CABBY (UBER CLONE SCRIPT) | Mobile Application
Rider | Driver
Technologies: Flutter, Firebase, Geo Locator,Push Notification

- Developed a full-featured ride-hailing app with separate mobile applications for Riders and Drivers.
- Integrated background services, reducing app crashes by 10% for a seamless user experience.
- Implemented real-time GPS tracking using GeoLocator, improving ETA accuracy by 30%.
- Added multi-language support, enhancing accessibility and localization for diverse user bases.