

Harsha Vardhan NJ

Github | Website
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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.

FILMPLACE | MOBILE APPLICATION

[Android](#) | [iOS](#)

Technologies: FLUTTER, FIREBASE PUSH NOTIFICATION, STRIPE, RIVERPOD, GOOGLE MAPS API, GOOGLE ANALYTICS

- Developed a mobile app for Android & iOS that helps filmmakers find, book, and manage filming locations seamlessly.
- Integrated Stripe for secure payments, reducing errors by 15%.
- Implemented Firebase Realtime Database and Google Analytics to track user engagement, increasing activity by 30%.
- Enhanced user experience with Google Autocomplete API, making address entry faster and more intuitive.
- Added social login options (Google, Facebook, Apple, Naver), boosting user sign-ups by 25%.

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.