

# Harsha Vardhan NJ

Github | Website  
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## SUMMARY

I'm a Full-stack Software Engineer with 2.8+ years of experience developing web and mobile apps using Flutter, React, Node.js, and Shopify. I've worked with cloud services like AWS & Supabase & built features that use OpenAI's APIs & Hugging face model. I focus on writing clean, efficient code and enjoy taking on new challenges to keep learning & growing in my field.

## SKILLS

### Programming Languages:

JavaScript, Dart, Python, HTML, CSS

### Frameworks & Libraries:

React, Flutter, Node.js, Express, Remix, Tailwind, Bootstrap

**Cloud/Dev Tools:** AWS (Lambda, S3, API Gateway), Firebase, GitLab CI/CD

**Platforms & Tools:** Shopify Polaris, Supabase, MQTT, Kafka, Git, Shopify GraphQL

**Databases:** Supabase, MongoDB, Firebase Realtime DB, MySQL

## EDUCATION

### K.L.N.COLLEGE OF ENGINEERING

MASTER OF COMPUTER

APPLICATIONS

Madurai, April 2022

CGPA: 9.1 / 10

### SOURASHTRA COLLEGE

B.SC. IN COMPUTER SCIENCE

Madurai, April 2020

CGPA: 7.1 / 10

## CERTIFICATES

### LAMP

(Linux, Apache, MySQL, PHP) Course  
(Dec/2019)

## EXPERIENCE

### BINARYCHAKRA | SOFTWARE ENGINEER

Oct 2023 - Present | Madurai

1. Created & launched Shopify apps using Polaris, Remix, React and Node.js, improving client satisfaction.
2. Built cross-platform macOS apps with Flutter, reducing dev time by 30%.
3. Designed real-time data systems using MQTT, increasing data delivery speed by 30%.
4. Worked on API logic with Python FastAPI, optimizing performance and integrating OpenAI & Hugging Face models.
5. Collaborated with cross-functional teams to deliver projects on time and meet client requirements, achieving a 95% client retention rate.

### CRON24 TECHNOLOGIES | MOBILE APP DEVELOPER

Mar 2022 - Sept 2023 | Madurai

1. Developer Android/iOS apps using Flutter & Dart, integrated APIs using JSON
2. Integrated Google Maps, Stripe, Firebase push notifications, Google Analytics, and Ads.
3. Reduced crash rates by 30% and improved app stability and multilingual support.
4. Implemented efficient state management using Riverpod, improving app maintainability and reducing UI-related bugs.

## PROJECTS

### STORE BLOG - SHOPIFY EMBEDDED APP | FULL STACK

[Shopify App Store](#) || Tech Stack: React, Remix, Node.js, OpenAI, Hugging Face, AWS, Shopify Polaris, GraphQL

- Architected a Shopify app that auto-generates SEO-friendly blog posts using OpenAI's GPT model, increasing product visibility by 20% and boosting sales.
- Improved search rankings by matching product content using embeddings and cosine similarity.
- Enabled features such as multilingual support, cross-platform sharing, and automated publishing via AWS Cron.
- Applied Hugging Face models to generate blog images and enhance content quality.
- Designed the system for modular scalability, enabling seamless feature additions with zero downtime and reducing future development time by 20%

## **AI-POWERED NOTIFICATION APP | FULL STACK WEB APPLICATION**

**TECHS: REACT, KAFKA, NODE.JS, OPENAI, CHROME EXTENSION**

- Structured a Shopify app to deliver AI-powered notifications, increasing engagement by 15%.
- Executed OpenAI to analyze store data & suggest relevant alerts for better customer engagement.
- Used Kafka pub-sub for real-time event handling and webhooks for instant alerts.
- Also Crafted a React Chrome extension that shows these alerts to merchants in real time.

## **FILMPLACE | MOBILE APPLICATION**

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

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

- Created a mobile app to help filmmakers find & manage filming locations.
- Integrated Stripe for payments, cutting down transaction issues by 15%.
- Used Firebase Realtime Database & Google Analytics to track user activity, increasing engagement by 30%.
- Made address entry easier & faster using Google Autocomplete.
- Enabled login options with Google, Facebook, Apple, & Naver—leading to a 25% jump in sign-ups.

## **CABBY (UBER CLONE SCRIPT) | MOBILE APPLICATION**

[Rider](#) | [Driver](#)

**Technologies: FLUTTER, FIREBASE, GEO LOCATOR,PUSH NOTIFICATION**

- Built a ride-hailing app with separate apps for riders & drivers.
- Added background services to reduce crashes & make the app more stable.
- Utilized GeoLocator for accurate real-time tracking, improving ETA estimates by 30%.
- Included multi-language support to make the app more accessible to a wider audience.