

Harsha Vardhan NJ

Github | Website
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PROFESSIONAL

SUMMARY

Software engineer with 2+ years of experience building full-stack solutions using Flutter, React, Node.js, and Shopify. Successfully developed cross-platform mobile apps for Android, iOS, and macOS, along with web applications using Remix. Proficient in creating responsive UIs, integrating AWS Lambda and Supabase cloud services, and solving complex technical challenges. Passionate about writing clean, efficient code and building scalable, high-performance applications.

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)

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.