

Harsha Vardhan NJ

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

ABOUT ME

Software Engineer experienced in Flutter, Node.js, AWS Lambda, Supabase, and React, with a passion for building user-friendly applications. With a strong background in frontend & backend development, I have recently explored AI models to generate images and blogs, enhancing my skills in prompt engineering and using techniques like cosine similarity and embeddings to improve content relevance.

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 optimized Shopify applications using React, Node.js, Shopify Polaris, and Remix, improving user engagement.
- Built cross-platform Mac applications with Flutter, accelerating the development process and reducing maintenance efforts.
- Streamlined the code deployment process with AWS Lambda and the Serverless Framework, enhancing efficiency and speed.
- Worked with AI models to generate images and blogs, applying techniques like cosine similarity and embeddings to improve content relevance and prompt engineering.
- Implemented MQTT channels to enhance system connectivity and data transfer speeds.

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, Realtime Firebase Database, Google Analytics, & Google Ads.
- Translated complex Figma designs into responsive, high-quality Flutter UIs for mobile apps.
- Managed & updated multilingual translation files to support a global user base.

PROJECTS

STORE BLOG - SHOPIFY EMBEDDED APP | FULL STACK DEVELOPER [Shopify App Store](#)

- Developed an AI-powered application for Shopify stores that generates blog articles using OpenAI's GPT model.
- Integrated AI to create Prompt for, SEO-optimized article.
- Implemented scheduled publishing features with AWS Cron, allowing for automatic and timely article postings.
- Designed and incorporated multi-language support to enhance app usability across diverse regions.
- Enabled content repurposing to share articles across various platforms, maximizing reach and engagement.
- Utilized cosine similarity and embeddings to improve content relevance and enhance user experience.
- Prioritized writing clean, maintainable, and scalable code to facilitate future enhancements.

CERTIFICATES

LAMP

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

FILMPLACE | MOBILE APPLICATION DEVELOPER

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

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

- Created a mobile app that helps filmmakers easily find, book, and manage filming locations.
- Integrated Stripe for smooth payment processing and used Riverpod to manage app state, which reduced transaction errors by 15%.
- Used Firebase Real-time Database and Google Analytics to monitor user engagement, resulting in a 30% boost in user activity.
- Added the Google Autocomplete API to make it quicker and easier for users to enter addresses.
- Improved user experience by enabling login options through Google, Facebook, Apple, and Naver, which helped grow the user base by 25%.

CABBY (UBER CLONE SCRIPT) | MOBILE APPLICATION DEVELOPER

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

Technologies: FLUTTER, FIREBASE, GEO LOCATOR, PUSH NOTIFICATION

- Developed a complete Uber clone with distinct mobile apps for both Riders and Drivers.
- Integrated background services to ensure the app runs smoothly, which helped reduce crashes by 10%.
- Implemented Geo Locator functionality for real-time tracking of users, enhancing ETA accuracy by 30%.
- Added multi-language translation support to create a more localized experience for users in different regions.