

# ASWIN MOHAN

Kerala, India · hello@aswinmohan.me · +91 858 993 1950 · <https://aswinmohan.me>

## EDUCATION

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<b>College of Engineering Chengannur</b> B.Tech. in Computer Science and Engineering, Class Representative, House Captain	Chengannur, Kerala Jun 2016 - Aug 2020
<b>Kendriya Vidyalaya Adoor</b> High School Diploma, State Topper in Computer Science (100/100)	Adoor, Kerala Jun 2012 - Mar 2016

## SKILLS

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Backend Development:	Phoenix, LiveView, Ruby on Rails, Node JS
Frontend Development:	React, Next JS, Vue, TailwindCSS
Mobile Development:	React Native, Flutter, Kotlin
Programming Languages:	Elixir, Javascript, Ruby, Python, C/C++
Technologies and Methodologies:	Git, Emacs, TDD

## EXPERIENCE

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### **Nello, paynello.com (Inactive)**

*Solo-Founder (Phoenix LiveView, NextJS, TailwindCSS)* Aug 2022 - Nov 2022

- Payments app which uses account-to-account transfers to send and receive payments locally and globally.
- Built out the initial prototype in Phoenix LiveView where customers can connect their bank accounts to send and receive money. Implemented token rotation using Oban for added security.

### **Consultant**

*Backend Engineer, Mobile Developer (Express JS, React Native)* Feb 2022 - Nov 2022

- Implemented data pipelines and back-office systems for a travel based startup to track and improve bookings in Express JS.
- Designed and built MakeNews, a Mobile App for Public Relation Officers and Journalists to connect and share news stories.

### **IndiePaper, indiepaper.me (Inactive)**

*Solo-Founder (Phoenix LiveView, Next JS, TailwindCSS)* May 2021 - Feb 2022

- Self-publishing platform for independent authors.
- Built a realtime text editor with Phoenix LiveView where Authors could write their books and have the changes synced in real-time, deployed globally with Fly.io. Built a typesetting engine in Elixir which converted the raw manuscript to LaTeX and typeset to PDF and the web.

### **Buy Me a Coffee, buymeacoffee.com**

*Mobile Developer (React Native)* Nov 2020 - Nov 2021

- Rewrote and unified their existing Mobile Apps in React Native and created new Mobile App for their link-in-bio product.

### **CoronaSafe**

*Co-Founder (Ruby on Rails)* Mar 2020 - Nov 2020

- Designed and Developed an Open Source CRM called CoronaSafe and CoronaRM for managing the pandemic in the district of Pathanamthitta in Ruby on Rails.
- Co-founded the umbrella organization that pushed the technology statewide, and won statewide acclaim and mention in United Nations High Commissioner for Human Rights..

## PROJECTS

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### **LessPhone Flutter, React Native, Kotlin**

[https://play.google.com/store/apps/details?id=me.aswinmohan.nophone&hl=en\\_IN&gl=US](https://play.google.com/store/apps/details?id=me.aswinmohan.nophone&hl=en_IN&gl=US)

An Android Launcher to reduce Phone use that was downloaded over 250,000 times.

### **Moot Books Markdown, LaTeX, Ruby**

<https://github.com/moot-books/moot-KTU>

Created a system for taking Open Source Notes in Markdown that would be typeset to beautiful printable PDFs customized to the College syllabus.

### **Map Frontend for Kerala Floods React, Open Street Map**

<https://github.com/aswinmohanme/kerala-flood-map>

Created a Map frontend for the official rescue portal to locate and cluster the people stranded by the floods in Kerala. Used by rescue teams to allocate resources and coordinate efforts.

**Ultron OS** *C/C++, Assembly (x86)*

<https://news.ycombinator.com/item?id=19070114>

Built a hardware bootable operating system as my high-school project.

#### CONFERENCE TALKS

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**The Joy of Building your Startup with Phoenix LiveView**

ElixirConf EU 2022

A talk about my journey building IndiePaper using different tech stacks and finally settling on Phoenix LiveView. I talk about the advantages of Elixir, Phoenix and LiveView and the advantages and disadvantages of choosing LiveView for your startup.

Apr 2022

**Building the Map Frontend for Kerala Rescue**

FOSSMeet 2019

During the floods of Kerala in 2018, I built a map based frontend for Kerala Rescue. It was deployed alongside the official disaster management platform. This talk covers the story and the impact behind it.

Feb 2019

#### AWARDS

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**Outstanding Volunteer Award**

District Collector, Pathanamthitta

Recognized for creating software tools to assist the pandemic in the district. Won statewide acclaim and media coverage for it.

Sep 2020

**Open Source Impact Award**

FYPM

Awarded for leading and deploying Kerala Flood Map to help victims of the Flood.

Feb 2019

**State Topper in Computer Science**

Kendriya Vidyalaya Sangathan

Awarded for being the Regional Topper in Computer Science in High School. Scored 100/100

Aug 2016