Santhosh Vaiyapuri

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EXPERIENCE

Senior React Native Developer
Mar 2022 – Current

Stream.io — Amsterdam, The Netherlands

- Architecting and developing the first release of React-Native Video SDK. Developed multiple UI components for managing video/audio calls, notification support using iOS CallKit and Firebase in Android, Expo config plugin, CI/CD workflows, and multiple React hooks for simplifying WebRTC state management inside the SDK.
- Responsible for the version 5 release of React-Native Chat SDK with major features like offline data support and push notification configuration support. Also involved in continual maintenance of the Chat SDK.
- Documentation and technical customer support for UI components, states, Push Notifications, etc., in both Video and Chat SDK.
- Contributed to several open-source libraries used in the SDKs; the major ones are react-native-webrtc, react-native-incall-manager, and react-native-cameraroll.

Senior Mobile Developer
Nov 2016 – Feb 2022

Gaiyo — Almere, The Netherlands

- Development of the Gaiyo App using React-Native with features like booking rental vehicles, payments for subscription-based rental services, and a dashboard of all transportation options for a particular route, including public transport options.
- Development of various features in the Timesupp Android App (now retired), including live traffic on a map, native calendar syncing, traffic delay alerts, background location tracking using geofencing and activity recognition, parking prices on a map, etc.
- Started with the functional title of *Android Developer* and was promoted to *Senior Mobile Developer* in Nov 2019.

Software Engineer
Sep 2014 – Jul 2016

ASML via ICT Group B.V. — Eindhoven, The Netherlands

- Development of drivers and maintenance of calibration and diagnostics tools for UV light exposure control systems meant for Lithography machines supplied to Intel.

Intern
Nov 2013 – Aug 2014

ASML — Eindhoven, The Netherlands

- Development of an Eclipse IDE plugin to simulate performance timing variability in a multi-core embedded system using software models of processor performance.
- Performed this internship as a Thesis project for my Master's education. Grade: 8/10

Intern
Jun 2013 – Aug 2013

Philips Research — Eindhoven, The Netherlands

- Performance analysis of two popular medical imaging libraries - MIPAV and FSL.

Programmer Analyst Trainee (Android Development)   Aug 2011 – Apr 2012

Cognizant   Chennai, India

- Development of an Android app used internally for publishing employee ratings.

TECHNICAL SKILLS

Programming languages:

- TypeScript/ JavaScript

- Kotlin/ Java

- Objective-C (Amateur level)

Frameworks:

- React Native

- Android

EDUCATION

Master of Science – Embedded Systems   Aug 2012 - Aug 2014

Eindhoven University of Technology (TU/e)   Eindhoven, The Netherlands

Bachelor of Engineering, Electronics and Communication   Sep 2007 - May 2011

Anna University   Chennai, India

Side Projects

react-native-cameraroll - React Native library

- I am one of the two maintainers of this popular library that provides access to the local photos in the device. I am also thereby a part of the React-Native core contributors Discord group.

Evlo – Android App

- An app that shows the latest commodity prices in India with the ability to search through them and offline support. Available on Google Play.

Other Details

Linguistic Proficiency	English - Professional Dutch - Elementary (A2)
Nationality	Dutch
Residence	Almere Poort, The Netherlands