Dinesh Manajipet

WORK EXPERIENCE

Hotg.ai
Senior Software Engineer

Responsible for development of the Cross Platform Webassembly Machine Learning Runtime.

Owner and maintainer of various in-house Rust and C++ libraries.

Responsible for backend and build services of web apps.

crispAudio GmbH
Senior Software Engineer

Developed Application and BSP level software for a set-top box of a major Automotive supplier in C++, Qt, QML.

Improved Gstreamer video elements' performance by 4x to meet the requirements of the embedded system, and open sourced the fixes.

Responsible for automating large build processes and implementing CI/CD.

Proemion GmbH
Senior Software Engineer

Took ownership of significant chunks of the cross platform (Embedded and Desktop) Qt, OpenGL ES applications. Responsible for usability and performance improvements to the order of 1000-2000x

Developed and maintained parts of the embedded firmware like recovery system, notifications daemon, bluetooth subsystem, tools for signing firmware, testing noise filters

Responsible for CI/CD of a lot of cross platform targets.

i2e1
Senior Software Engineer

Implemented an embedded logging and web filtering solution for regulatory compliance of i2e1 Wifi hotspots.

Wrote the i2e1 client Android App and provided an SDK for it for the partners of i2e1.

Mentored in house designer and junior developers with daily tasks.

e-GITS
Software Engineer

Wrote a remote controller app for PC/Android platforms for Sennheiser.

Worked on touch UI components for electric stoves and ovens for Electrolux.

Implemented, themed and localized a touch UI for an Industrial wheat harvester.(Case Study)

Chitika
Software Engineer

Worked as a primary backend web developer for the high performance mobile Ad server.

Prototyped mobile apps using various web technologies.

Developed the automated testing infrastructure for the same.

Worked on detecting ad click fraud in large amounts of data.(Case Study)

⌂	saidinesh5.wordpress.com
☎	+91 7702533032
✉	saidinesh5@gmail.com
⚡	dinesh.cloud

SOFTWARE SKILLS

LANGUAGES	C, C++, QML, SQL, JS, Typescript, Python, GLSL, Rust
FRAMEWORKS	Qt, PyQt, Node.js, Android, React.js
TOOLS	Docker, Catch2, Git, CMake, Jenkins, Bash, Buildroot, Sqlite, Mongodb, Redis

PERSONAL PROJECTS

- (Sailfish OS for cancro) Maintainer of Sailfish OS port for Xiaomi Mi3/Mi4 devices.

- (VSXu) Co maintainer for the Visual Programming Language for creating real time visuals.

- (Puppy File Server) Wifi File manager for Nokia N9/950. Rated 4/5 on the Nokia Ovi store.

- (Droplet Browser. Rated 5/5) Simple browser for Sailfish OS. Rated 5/5 on the app store.

MISC.

- Drone Racing Enthusiast - enjoys building, modding and flying aerial toys. Actively participates in the FPV racing community.

- Finished online courses on Digital Signal Processing, CS373: Programming a Robotic car with Distinction.

- Holds a Bachelor of Technology degree from DA-IICT

- Gave talks like - Basics of CMake and Git, from 0 to Minesweeper in Python and Qt, Intro to Android hardware adaptation at conferences and meetups

- Participated as a student and a mentor for KDE during Google Summer of Code 2010-2011

- Developed TicTacToe entirely on a Nokia N70, using Python.

- Interested in Digital Music Making.