Jagadeesh Kotra

📍 Hyderabad, India — 📞 +91 9392420045 — ✉ jagadeesh@stdin.top — 🌐 stdin.top

 jkotra — jagadeesh_kotra — in jagadeesh-kotra

1 Introduction

Enthusiastic and Motivated Software Developer .Polyglot programmer proficient in problem solving and engineering. Active Open Source Contributor.

2 Technical Skills

2.1 Programming Languages

- Java
- C / C++
- Python
- Rust
- JavaScript / TypeScript
- CUDA & OpenCL

2.2 Frameworks

- Spring
- Angular
- React Native
- GTK
- Pytorch
- Keras

2.3 Human Languages

- English - Professional Working Proficiency
- Telugu - Native Proficiency

3 Projects

- **PDFUnlockr**
  - Android Application built with React Native and qpdf.
  - uses RN's Native Modules to bridge between JavaScript and C++.
  - Clean and clutter-free UI design. No limitation on decryption.
  - Ability to process multiple files at a time AKA Bulk Processing.
  - Available on Google Play Store.

- **OUResults**
  - Android Application to view examination/semester results. Built with React Native.
  - Utilizes publicly available endpoints to parse results from HTML.
  - Persistence requests model to combat slow response during initial hours.
  - Available on Google Play Store.

- **eOVPN**
  - Desktop GUI Application to Manage, Update and connect to OpenVPN Configurations. Made with GTK.
  - Utilizes GNOME ecosystem of libraries – GLib Gio, Gdk to seamlessly integrate with GNOME Desktop Environment.
  - Open-source - Available at Github.

- **Nag**
  - Nag enables you to set repeated reminders sent as notifications at customizable intervals. Built with React Native.
  - adapts to MaterialYou Design principles introduced in Android 12.
  - Available on Google Play Store.

- **Algoticks**
  - Algorithmic Trading simulator written in C. Optimized for one thing - SPEED. it can process up to 0.8 million *lines / sec*.
  - input data agnostic simulation.
  - Easy to write algorithm template, supports custom callback modules (ex. logging)
  - Open-source - Available on Github.

- **WPC**
  - WPC - Wallpaper Changer is a cross-platform timer-based wallpaper changer. Written in Rust.
  - It can automatically scrap wallpapers from different sources.
  - Actively used and promoted by one of the popular internet wallpaper community.
  - Open-source - Available on Github.

- An up to date collection of all my projects is available on my blog.

4 Education

Bachelor of Science (**B.sc**) M.P.CS
Sri Sai Degree & PG Collage, Hyderabad
2018 - 2021

5 Miscellaneous

5.1 Opensoure Contributions

- GNOME
- freedesktop
- microsoft/LightGBM
- Vapoursynth

5.2 Recognitions

- **Netflix** Hall of Fame

5.3 Certificates

- Mathematics for Machine Learning: Linear Algebra
- Machine Learning with Python