Install plugin installer Vundle

```
git clone https://github.com/VundleVim/Vundle.vim.git
~/.vim/bundle/Vundle.vim
```

Vim config .vimrc

```
set nocompatible              " be iMproved, required
filetype off                  " required

set rtp+=~/.vim/bundle/Vundle.vim
call vundle#begin()
" let Vundle manage Vundle, required
Plugin 'VundleVim/Vundle.vim'
Plugin 'vim-python/python-syntax'
Plugin 'Vimjas/vim-python-pep8-indent'
Plugin 'davidhalter/jedi-vim'
Plugin 'dense-analysis/ale'
Plugin 'tpope/vim-surround'
Plugin 'preservim/nerdtree'
Plugin 'tpope/vim-fugitive'
Plugin 'frazrepo/vim-rainbow'
Plugin 'vim-airline/vim-airline'
Plugin 'mattn/emmet-vim'
Plugin 'vim-autoformat/vim-autoformat'
Plugin 'nathangrigg/vim-beancount'
Plugin 'tmhedberg/SimpylFold'
Plugin 'vim-syntastic/syntastic'
Plugin 'powerline/powerline'
Plugin 'junegunn/fzf', { 'do': { -> fzf#install() } }
Plugin 'junegunn/fzf.vim'
Plugin 'ycm-core/YouCompleteMe'
Plugin 'lervag/vimtex'
Plugin 'vim-autoformat/vim-autoformat'
call vundle#end()            " required
filetype plugin indent on    " required

let g:jedi#completions_enabled = 1
let g:jedi#popup_on_dot = 1
let g:jedi#show_call_signatures = '0'
let g:jedi#use_tabs_not_buffers = 0

let g:ale_linters = {'python': ['pylint']}
let g:ale_fix_on_save = 1
let g:formatdef_latexindent = '"latexindent -"'
let g:ale_fixers = {'python': ['autopep8']}
let g:ale_sign_error = '>>'
let g:ale_echo_msg_error_str = 'E'
```

```
let g:ale_echo_msg_warning_str = 'W'
let g:ale_echo_msg_format = '[%linter%] %s [%severity%]'

nnoremap <leader>n :NERDTreeFocus<CR>
nnoremap <C-n> :NERDTree<CR>
nnoremap <C-t> :NERDTreeToggle<CR>
nnoremap <C-f> :NERDTreeFind<CR>

filetype plugin on
syntax on

set number

noremap <F3> :Autoformat<CR>

"split navigations
nnoremap <C-J> <C-W><C-J>
nnoremap <C-K> <C-W><C-K>
nnoremap <C-L> <C-W><C-L>
nnoremap <C-H> <C-W><C-H>

" Enable folding
set foldmethod=indent
set foldlevel=99

" Enable folding with the spacebar
nnoremap <space> za


au BufNewFile,BufRead *.py
            \ set tabstop=4 |
            \ set softtabstop=4 |
            \ set shiftwidth=4 |
            \ set textwidth=79 |
            \ set expandtab |
            \ set autoindent |
            \ set fileformat=unix

set encoding=utf-8

let python_highlight_all=1

set clipboard=unnamed

set background=dark
colorscheme gruvbox

set shiftwidth=4 smarttab
set expandtab
set tabstop=8 softtabstop=0
```

```
set hlsearch
set spell
set spelllang=en,pl
hi clear SpellBad
hi SpellBad cterm=underline

set backspace=indent,eol,start
let g:fzf_vim = {}

let g:ycm_seed_identifiers_with_syntax = 1
set completeopt=menu

" make YCM compatible with UltiSnips (using <Ctrl-N>, <Ctrl-P>)
let g:ycm_key_list_select_completion=[]
let g:ycm_key_list_previous_completion=[]

" commands mappings
nnoremap <F1> :pclose<CR>:silent YcmCompleter GetDoc<CR>
nnoremap <S-F1> :pclose<CR>
nnoremap <C-F1> :YcmCompleter GetType<CR>
nnoremap <F9> :YcmCompleter GoTo<CR>
nnoremap <S-F9> :YcmCompleter GoToReferences<CR>
nnoremap <F10> :YcmCompleter FixIt<CR>

let g:ycm_use_clangd = 1

" run python script
nnoremap <F5> :echo system('python3 "' . expand('%') . '"')<cr>

"vim latex
let g:vimtex_view_method = 'zathura'
let g:vimtex_compiler_method = 'latexrun'
let maplocalleader = ","
```

Install formatters

```
sudo apt install python3-autopep8
```

Install linter

```
sudo apt install pylint
```

Enable spell

1. Start vim
2. type

```
:set spell
```

and confirm create location for spell files

Theme

gruvbox

Manual install theme

```
mkdir -p ~/.vim/colors
cd ~/.vim/colors
wget
https://raw.githubusercontent.com/vim-scripts/gruvbox/master/colors/gruvbox.
vim
```

Add to .vimrc

```
colorscheme gruvbox
```

Install FNF for search files in Vim

```
sudo apt-get install fzf silversearcher-ag
```

For Plugin YouCompleteMe (YCM)

```
sudo apt install cmake
cd ~/.vim/bundle/YouCompleteMe
python3 install.py
```

For Latex plugin support - vim-tex - latexrun is not executable!

```
git clone https://github.com/aclements/latexrun.git
cd latexrun
sudo cp latexrun/latexrun /usr/local/bin/
```

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