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User's Guide

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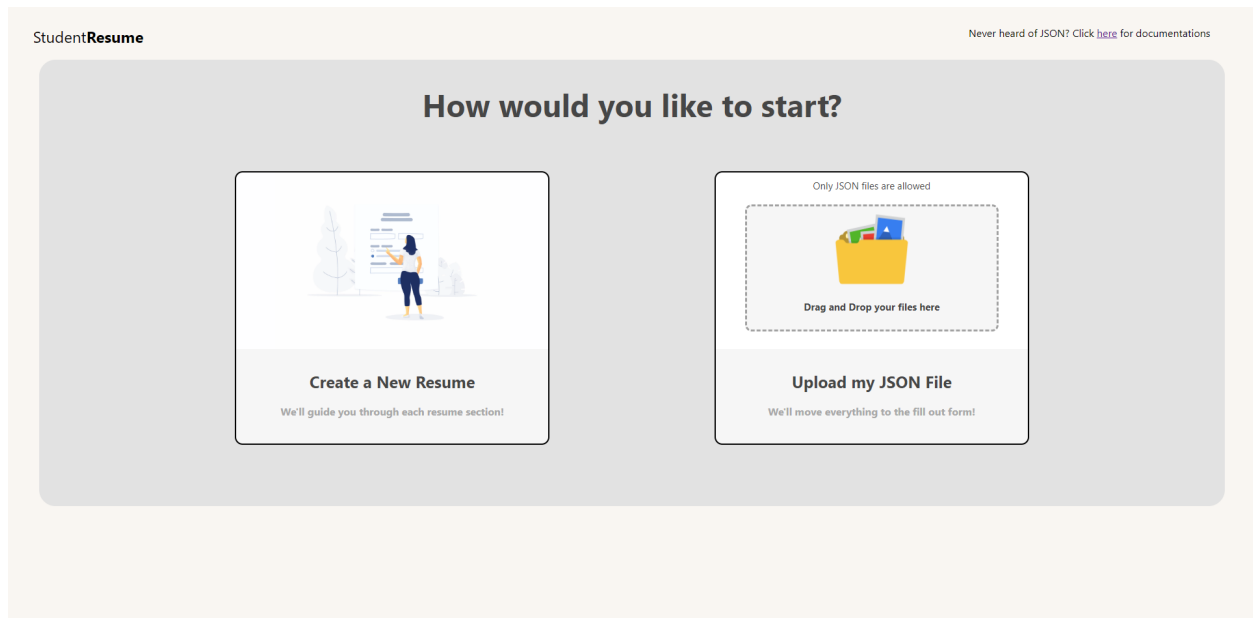
Developer's Guide

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USER's GUIDE FOR StudentResume

Hi there welcome to the student generator @ <https://studentresume.org/form>

Start Page/Main Page



Here, you can either click on the “Create a New Resume” to fill out a form that will generate the resume for you or you can continue your half finished progress by dragging the correct json file to the upload json box.

By clicking the top left logo of [Student**Resume**], this will transfer you back to the main page

By clicking the top right word **here**, will take you to understand what is json and how is it used

Form Page

StudentResume Never heard of JSON? Click [here](#) for documentations

Mandatory sections RESET

PERSONAL INFORMATION EDUCATION

SKILLS

Optional sections

EXPERIENCE VOLUNTEER

AWARDS PUBLICATIONS

PROJECTS

Personal Information

Name Label (optional)

Email Phone

Url

Summary

Location (optional)

Country State City

SAVE JSON

CONTINUE

You will come to this page after you made a choice on the first page.

In this page you will fill out the details on what's gonna be on the resume that's going to be generated

Within this page you will have 2 major sections, the mandatory section is the one that you must fill to generate the resume, the optional section is fillable if it applies to you.

Within the mandatory sections, there are still some fields that are optional that you can not fill if it's not applicable to you.

By clicking the save json button, it will automatically download the current process of the form field into a json file to your computer

Preview Page

StudentResume

Never heard of JSON? Click [here](#) for documentations

Please review your information

Personal Information

Name: Richard Hendriks

Label: Programmer

Email: richard.hendriks@mail.com

Phone: 1234556666

Url: <http://richardhendricks.example.com>

Summary: Richard hails from Tulsa. He has earned degrees from the University of Oklahoma and Stanford. (Go Sooners and Cardinal!) Before starting Pied Piper, he worked for Hooli as a part time software developer. While his work focuses on applied information theory, mostly optimizing lossless compression schema of both the length-limited and adaptive variants, his non-work interests range widely, everything from quantum computing to chaos theory. He could tell you about it, but THAT would NOT be a "length-limited" conversation!

Location: San Francisco, California, US

Work Experience

Name: Pied Piper

Name: Erlich Bachman

Reference: It is my pleasure to recommend Richard, his performance working as a consultant for Main St. Company proved that he will be a valuable addition to any company.

Name: Miss Direction

Description: A mapping engine that misguides you

Highlights: Won award at AIHacks 2016.Built by all women team of newbie programmers,Using modern technologies such as GoogleMaps, Chrome Extension and Javascript

Keywords: GoogleMaps,Chrome Extension,Javascript

StartDate: 2016-08-24

EndDate: 2016-08-24

Url: <http://richardhendricks.example.com>

Roles: Team lead,Designer

Entity: Smoogle

Type: application

BACK

SAVE JSON

SELECT THEME

After you click the **continue** button on the previous page, it will take you to this page where you can see all the information that you have entered into the system.

If you need to change anything, go to the bottom of the page and click **BACK**

If you want to save your progress for later, click **SAVE JSON**

If your satisfy with all the information entered, click **SELECT THEME** to go to next page

Theme Page

[illegible]

After clicking on **SELECT THEME** from the previous page, you're able to come to this page where you can select a theme from the 3 default themes or you can upload your own theme in the theme file type.


Preview Page

StudentResume

Never heard of JSON? Click [here](#) for documentations

(anonymous)

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Richard Hendriks

richard.hendriks@mail.com - San Francisco California, US - 123456789 - http://richardhendriks.example.com

SUMMARY Richard hails from Tulsa. He has earned degrees from the University of Oklahoma and Stanford. (Go Sooners and Cardinal!) Before starting Pied Piper, he worked for Hooli as a part time software developer. While his work focuses on applied information theory, mostly optimizing lossless compression schema of both the length-limited and adaptive variants, his non-work interests range widely, everything from quantum computing to chaos theory. He could tell you about it, but THAT would NOT be a "length-limited" conversation!


EDUCATION **University of Oklahoma**
Bachelor Information Technology
Dates: 2011-06-01 through 2014-01-01
GPA: 4.0


SKILLS **Web Development:** HTML, CSS, Javascript
Compression: Mpeg, MP4, GIF


EXPERIENCE **Pied Piper:** - Palo Alto, CA
CEO/President: 2013-12-01 through 2014-12-01
Pied Piper is a multi-platform technology based on a proprietary universal compression algorithm that has consistently fielded high Weisman Scores™ that are not merely competitive, but approach the theoretical limit of lossless compression.
Highlights:
- Build an algorithm for artist to detect if their music was violating copy right infringement laws
- Successfully won Techcrunch Disrupt
- Optimized an algorithm that holds the current world record for Weisman Scores


PROJECTS **Miss Direction:** A mapping engine that misguides you - **2016-08-24**
http://richardhendriks.example.com
Technology Used: GoogleMaps, Chrome Extension, Javascript
Highlights:
- Won award at AIHacks 2016
- Built by all women team of newbie programmers
- Using modern technologies such as GoogleMaps, Chrome Extension and Javascript

VOLUNTEER **CoderDojo** 2012-01-01 through 2013-01-01


Change Theme


Download PDF


Download JSON


Back to Form

After selecting the theme from the previous page, you're able to this page and preview the resume, if you want to **Change Theme**, **Download PDF**, or **Download JSON** just click the corresponding button on the right side.

If you want to change some information on the resume, simply click on the **Back to Form** button to go back to the form field page and edit.

DEVELOPER'S GUIDE FOR StudentResume

Hi there, welcome to the StudentResume project, this is a quick overview of what each file within the project is doing and its associated webpage. For details on what the code is doing in each file, please refer to the comment within the files\

A brief overview of the project is that the project uses [React] as the base for frontend development and uses Material UI for most of the frontend design. The backend uses fastapi within python.

What You'll Be Doing:

- For the frontend, work with javascript, react, react-packages
- For the backend api, work with python and fastapi
- For the backend pip package, work with python and familiarity with the reportlab package
- Working with group members on the same project

What We Need To See:

- A Basic understanding of the react and fastapi
- Some background knowledge about JavaScript and Python
- Strong design, coding and debugging skills.
- Strong communication and teamwork skills

Before starting, make sure you have NodeJS and python installed on your computer inorder to use react and fastapi and edit the files for this project. If your having trouble, here's a brief tutorial on how to start using react and fastapi:

https://www.tutorialspoint.com/reactjs/reactjs_environment_setup.htm

<https://fastapi.tiangolo.com/tutorial/>

../src/actions

- Forms.js sends the json file to the backend for validation and submission on generation
- Themes.js is suppose to send the theme file to the backend for generation

../src/components

- AboutPage.js is the code for the about page within the generator webpage and shows the developer team
- DatePicker.js is a part of the form page which returns a date picker textbox
- Form.js is apart of the form page and return each normal textbox of the form page
- FormField.js is the one that create all the textboxes and has some of validators like phone number length or email
- FormPage.js is everything else in the form page except the input boxes
- FormPageForMobile.js is the form page but for mobile users
- KeywordField.js is the text and delete icon on the top left of the form fields boxes
- LocationPicker.js return three drop-box for country, state, and city

- MainPage.js is the start page code
- PreviewPage.js is the preview page code
- ReviewField.js is to format the imputed info for the user to review
- ThemePage.js is the page that lets user choose or upload their desired theme
- Utils.js is the file for containing almost all the hardcoded text

../src/constants

- Contain all the json files needed for the project to work

../src/css

- Contains all the corresponding pages's css file, the css's file name are directly related to the page's code file name

../src/img

- contains the images needed for displaying in the project

../src/test

- contains the corresponding test for each page according to the given name

../src/index.js

- contains the index links and threads between the pages

For deployment in frontend it will automatically deploy once codes are pushed to main. The detail codes for deployment are below:

```
cd ~/studentresume-web/frontend/ && git fetch && git reset --hard origin/main && npm i && rm -r build/ && npm run build && sudo scp -r ./build/* /var/www/build/
```

The deployment of the api is also done automatically when code is pushed to main. The steps are:

- name: Stop the container
run: sudo docker stop mycontainer
- name: Delete the container
run: sudo docker rm mycontainer
- name: Delete the image
run: sudo docker rmi myimage
- name: Update local repo
run: cd /mnt/extra_volume/studentresume-web && git fetch && git reset --hard origin/main
- name: Build the image
run: cd /mnt/extra_volume/studentresume-web/api && sudo docker build -t myimage .
- name: Run the image
run: sudo docker run -d --restart unless-stopped --name mycontainer -p 8080:8080 -e PORT="8080" myimage

To deploy the pip package to <https://pypi.org/>, the recommended method is to use [poetry](#). The commands are:

“poetry build” → This will create tar and wheel files in the /build directory.

“poetry publish” → This will publish the build to the <https://pypi.org/> site.