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Project Title

“RESUARCHITECT: IMPLEMENTATION AND DEPLOYMENT OF A RESUME BUILDING WEB APPLICATION USING DEVOPS”

Project Guide

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Team Members & Role

Mr. Ekanshu Dargan	:	Literature Review, Documentation, Implementation and Coding
Mr. Babanjot Singh	:	Literature Review, Documentation, Designing and Coding
Mr. Manik Khurana	:	Literature Review, Documentation, Coding, Integration and Testing
Ms. Chhavi Sharma	:	Literature Review, Documentation, Coding, Analysis and Testing

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Introduction

- ResuArchitect is a platform where any individual can make their resume and download it in various themes available.
- Our resume builder is recommended for everyone who lacks the time and design skills to create a professional resume from scratch.
- The software will ask for the desired information and that particular information will be used accordingly in any of the templates available within the application.
- The application will be built based on DevOps methodology and the backend will be based on node.js and the user interface would be made over react.js.

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Problem Statement

- Majority of the resumes are imperfect and they lack a certain appeal that the hirer of any recruiting company looks in a CV or a resume.
- This is a major reason for unemployment amongst highly skilled engineers.
- ResuArchitect aims to solve this problem of unprofessional resumes made by highly professional candidates.

Motivation

- In this rapidly developing world, an ample amount of professionalism is required in every work environment.
- Therefore, any recruitment process nowadays requires a resume but the candidates aren’t familiar with the proper format for building one.
- Though some people even find a format over web and design a resume for themselves but they miss out on some of the crucial details like alignment, line spacing, bulleting and indentation.

Objectives

Building resuArchitect to empower individuals to make appealing and attractive resumes and cover letters in the least time possible.

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Software/ Hardware Requirement

Hardware:

- Intel(R) Core(TM) i3-3200 CPU @ 1.5 GHz
- 2 GB RAM
- System type is 32/64-bit Operating System - Ubuntu

Software:

- Visual Studio Code/WebStorm (Jet Brains)
- Google Docs (for documentation)

Literature Review

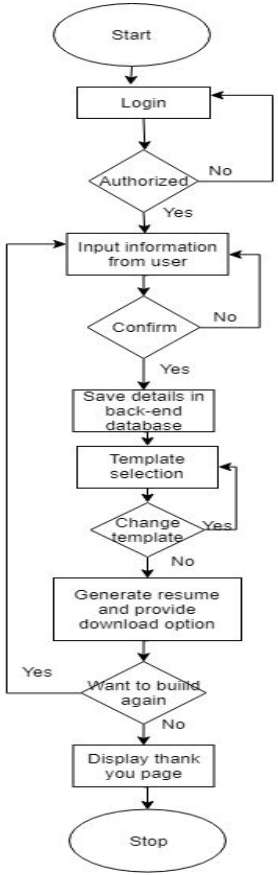
- **Dunlu PENG†, Lidong CAO, Wenjie XU School of Optical-Electrical and Computer Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China [1]** examined that JSON is a light-weight key-esteem style information ex-evolving group.

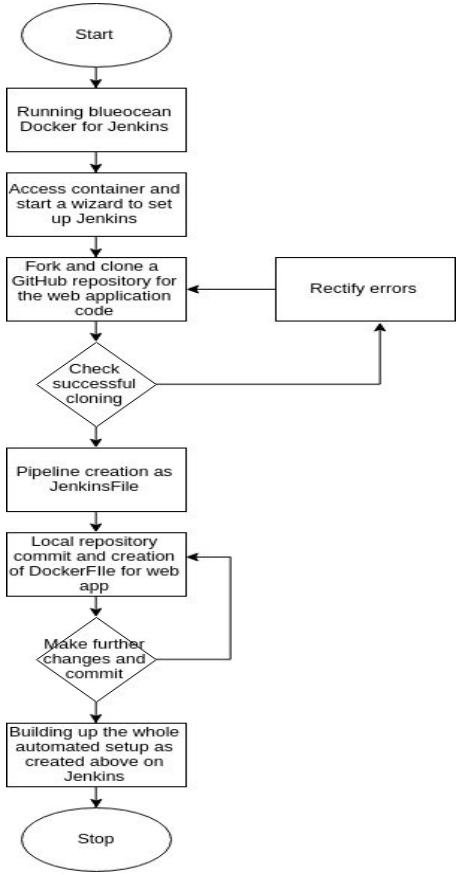
- **Naimul Islam Naim IMetropolia University of Applied Sciences,30 May 2017 [2]** explored that ReactJS as a good stage to be embraced where there are a few choices to pick from.

- **Kenneth Lewenhagen, Anders Åkesson .“Node.js in Open Source projects on Github.” Blekinge Institute of Technology [3]** performed a study with an aim to provide an insight into how Node.js is used and the Node.js technology adaptation in the open source community.

- **Arpitha R & Mrs. Kavitha S N[4]** tested the exhibition of the gadgets or item requires significant investment and needs human help. This can be explained utilizing Continuous Integration (CI) method, it is the most generally utilized procedure by the engineers to incorporate their code into vault, CI is the most proficient and quicker approach to computerize the things. Jenkins is a most effective device which gives constant coordination.

Flowchart of the System





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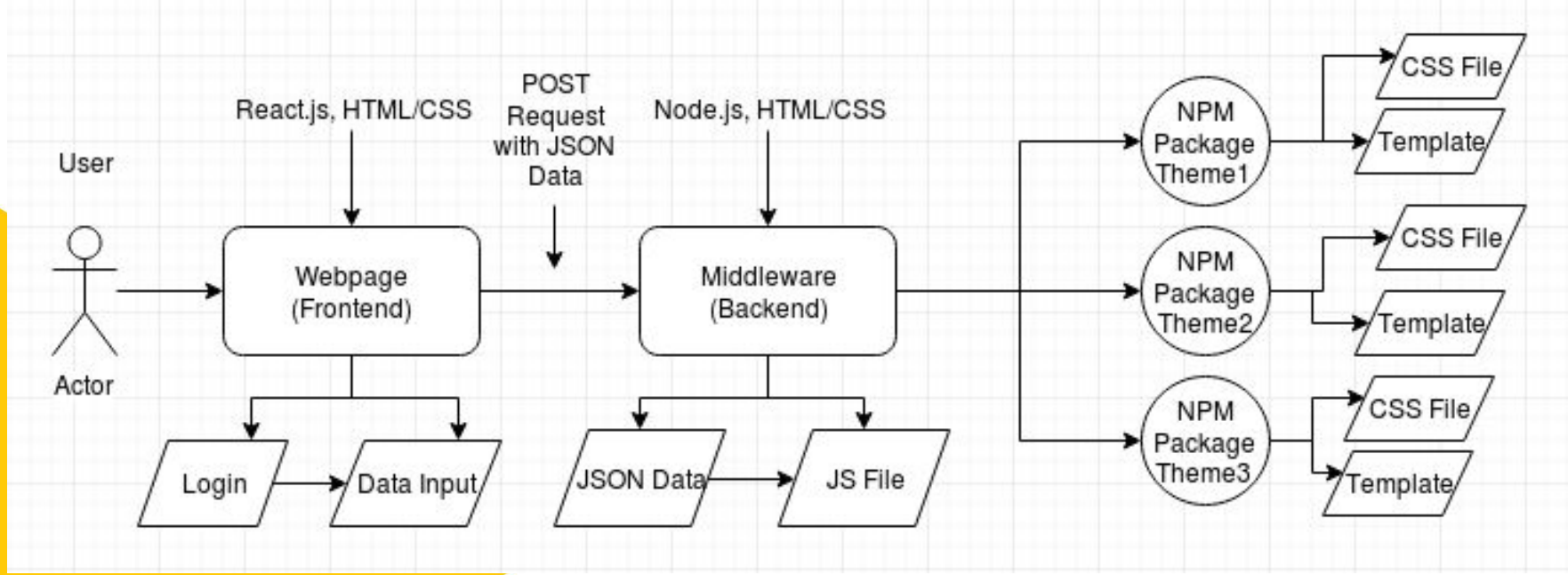
Entire Flow of Control



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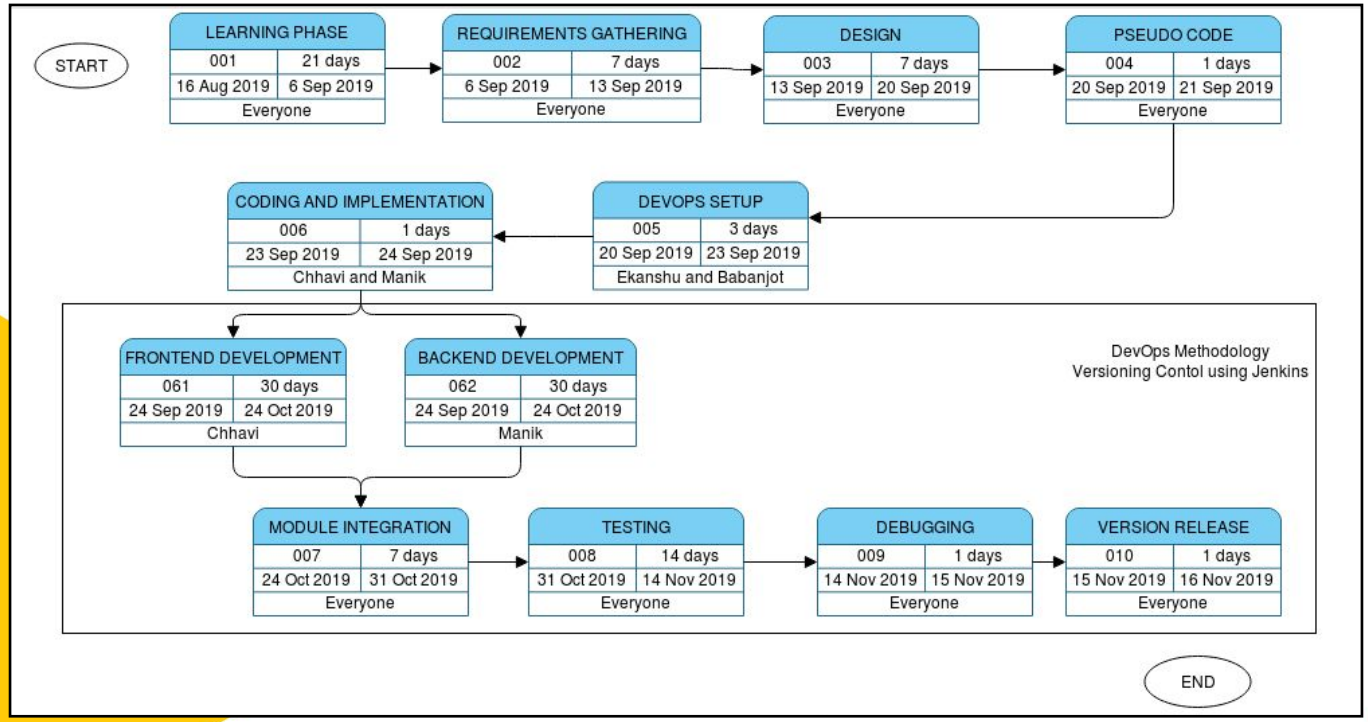
PERT Chart



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References

[**1**].Dunlu PENG† , Lidong CAO, Wenjie XU “Using JSON for Data Exchanging in Web Service Applications ”, University of Shanghai for Science and Technology, Shanghai 200093, China , 2011.

[**2**]. Naimul Islam Naim,“ReactJS: An Open Source JavaScript Library for Front-end Developement” IMetropolia University of Applied Sciences,30 May 2017.

[**3**]. Kenneth Lewenhagen, Anders Åkesson .“Node.js in Open Source projects on Github.” Blekinge Institute of Technology.

[**4**]. Arpitha R & Mrs. Kavitha S N,“Automation Using Jenkins: Plugins,Test Design , Test Test Execution and Reporting” University of Zurich, Zurich, Switzerland.

[**5**]. Jurgen Cito, Vincenzo Ferme, and Harald C. Gall, “Using Docker Containers to Improve Reproducibility in Software and WebEngineering” Dept. of ISE, R. V. College of Engineering, Bengaluru, India.

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THANK YOU