1. Create your own resume data using JSON format

{

"name": "BARATH",

"contact\_info": {

"email": "barathbharathi8@gmail.com",

"phone": "9159696096",

"address": "123 Main Road, Tittagudi"

},

"summary": "Experienced civil engineer with a passion for work",

"education": [

{

"degree": "Bachelor of Engineering in Civil",

"institution": "Roever College of Engineering and Technology",

"location": "Perambalur, Tamil Nadu",

"graduation\_year": "2019"

}

],

"experience": [

{

"title": "Civil Engineer",

"company": "A. Ramanadhan and Co Construction",

"location": "Trichy",

"start\_date": "Jan 2020",

"end\_date": "Aug 2022",

"responsibilities": [

"Site Inspection for civil construction work and ensure that the work is as per the project specification.",

"Checking for Concrete mixing for Proper Grade of Concrete.",

"Achieving construction Activities like Excavation foundation, PCC and Shuttering steel fixing, verify reinforcement steel schedule and dimensions."

]

},

{

"title": "Civil Site Engineer",

"company": "BS Engineers and Contractors",

"location": "Cuddalore",

"start\_date": "2022",

"end\_date": "2023",

"responsibilities": [

"Site Inspection for civil construction work and ensure that the work is as per the project specification.",

"Checking for Concrete mixing for Proper Grade of Concrete.",

"Achieving construction Activities like Excavation foundation, PCC and Shuttering steel fixing, verify reinforcement steel schedule and dimensions."

]

}

],

"skills": [

"AutoCAD",

"Revit",

"MS Office",

"MS Excel",

"Fire Safety"

],

"languages": ["English", "Tamil"],

"certifications": [

{

"name": "Advance Diploma in Fire and Industry Safety Engineering",

"issued\_by": "Adroit School of Fire Safety Management"

}

]

}

1. For the above JSON, iterate over all loops

const data = {

"name": "BARATH",

"contact\_info": {

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"address": "123 Main Road, Tittagudi"

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"location": "Cuddalore",

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"end\_date": "2023",

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"Achieving construction Activities like Excavation foundation, PCC and Shuttering steel fixing, verify reinforcement steel schedule and dimensions."

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"skills": [

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"languages": ["English", "Tamil"],

"certifications": [

{

"name": "Advance Diploma in Fire and Industry Safety Engineering",

"issued\_by": "Adroit School of Fire Safety Management"

}

]

};

// Using for...in loop

console.log("Using for...in loop:");

for (const key in data) {

console.log(`${key}: ${JSON.stringify(data[key])}`);

}

// Using for...of loop

console.log("\nUsing for...of loop:");

const experienceTitles = [];

for (const item of data.experience) {

experienceTitles.push(item.title);

}

console.log("Experience Titles:", experienceTitles);

// Using forEach loop

console.log("\nUsing forEach loop:");

data.skills.forEach(skill => {

console.log("Skill:", skill);

});

// Using for loop

console.log("\nUsing for loop:");

for (let i = 0; i < data.languages.length; i++) {

console.log("Language:", data.languages[i]);

}

// Accessing nested data

console.log("\nAccessing nested data:");

console.log("Education Institution:", data.education[0].institution);

console.log("Certification Name:", data.certifications[0].name);