

Resume in JSON Format.

```
{  
  "name": "Thanmai Patha",  
  "contact": {  
    "email": "thanmai172@gmail.com",  
    "mobile": "9293741234"  
  },  
  "career_objective": "I am dedicated to excelling in a software  
position, bringing practical experience and a commitment to learning  
to drive innovative solutions and foster team growth in a collaborative  
development environment.",  
  "experience": [  
    {  
      "position": "Intern - Junior Software Engineer",  
      "company": "People Tech Group",  
      "start_date": "February 2024",  
      "responsibilities": [  
        "Designed and developed user interface screens for e-bikes using  
QML (QT Markup Language).",  
        "Utilized the contact delegate model to enable viewing contacts  
in the call screen.",  
        "Implemented flickable functionality for smooth vertical and  
horizontal scrolling in map, calls, settings, and music screens.",  
        "Developed grid layouts for the dial pad and sub-screens in the  
settings screen, ensuring precise arrangement of elements.",
```

"Utilized anchors to position objects accurately across all screens, enhancing visual consistency and usability.",

"Developed row and column layouts for precise arrangement of elements in specified layouts.",

"Integrated QML URLs with C++ for seamless communication between the frontend and backend systems.",

"Developed on-click functions using mouse areas and states for efficient navigation between screens."

],

"summary": "Refined skills in QML for UI design and development, seamlessly integrating it with C++ for backend functionalities. Delivered a cohesive and interactive user interface for Tork Motors' e-bike, ensuring a seamless user experience and real-time data updates."

}

],

"education": {

"degree": "Bachelor of Technology",

"stream": "Computer Science",

"university": "Gitam University",

"location": "Hyderabad, Telangana",

"graduation_year": "2024",

"cgpa": 8.49,

"major_project": {

"title": "Image Search Engine",

"domain": "Python and Cloud computing",

"summary": "Developed a multi-threaded image search engine using Python, gRPC, and Docker, enabling keyword-based image retrieval. Ensured scalability, privacy, and reliability, leveraging cloud computing for deployment and comprehensive testing."

}

},

"certifications": [

"AWS with DevOps",

"Web Development",

"Python Programming"

],

"technical_skills": {

"languages": ["Python", "SQL", "QML", "C++", "HTML", "CSS"],

"other_skills": ["Cloud computing"],

"ides": ["Visual Studio Code", "PyCharm", "Qt Creator"],

"version_control": ["GitHub"]

},

"personal_skills": [

"Proficient with MS Office",

"Strong interpersonal and communication skills",

"Poised under pressure",

"Fun and energetic"

]

}

1. for Loop.

```
const resumeData = {  
  "name": "Thanmai Patha",  
  "contact": {  
    "email": "thanmai172@gmail.com",  
    "mobile": "9293741234"  
  },  
  "career_objective": "I am dedicated to excelling in a software  
position, bringing practical experience and a commitment to learning  
to drive innovative solutions and foster team growth in a collaborative  
development environment.",  
  "experience": [  
    {  
      "position": "Intern - Junior Software Engineer",  
      "company": "People Tech Group",  
      "start_date": "February 2024",  
      "responsibilities": [  
        "Designed and developed user interface screens for e-bikes using  
QML (QT Markup Language).",  
        "Utilized the contact delegate model to enable viewing contacts  
in the call screen.",  
        "Implemented flickable functionality for smooth vertical and  
horizontal scrolling in map, calls, settings, and music screens.",  
        "Developed grid layouts for the dial pad and sub-screens in the  
settings screen, ensuring precise arrangement of elements.",
```

"Utilized anchors to position objects accurately across all screens, enhancing visual consistency and usability.",

"Developed row and column layouts for precise arrangement of elements in specified layouts.",

"Integrated QML URLs with C++ for seamless communication between the frontend and backend systems.",

"Developed on-click functions using mouse areas and states for efficient navigation between screens."

],

"summary": "Refined skills in QML for UI design and development, seamlessly integrating it with C++ for backend functionalities. Delivered a cohesive and interactive user interface for Tork Motors' e-bike, ensuring a seamless user experience and real-time data updates."

}

],

"education": {

"degree": "Bachelor of Technology",

"stream": "Computer Science",

"university": "Gitam University",

"location": "Hyderabad, Telangana",

"graduation_year": "2024",

"cgpa": 8.49,

"major_project": {

"title": "Image Search Engine",

"domain": "Python and Cloud computing",

"summary": "Developed a multi-threaded image search engine using Python, gRPC, and Docker, enabling keyword-based image retrieval. Ensured scalability, privacy, and reliability, leveraging cloud computing for deployment and comprehensive testing."

}

},

"certifications": [

"AWS with DevOps",

"Web Development",

"Python Programming"

],

"technical_skills": {

"languages": ["Python", "SQL", "QML", "C++", "HTML", "CSS"],

"other_skills": ["Cloud computing"],

"ides": ["Visual Studio Code", "PyCharm", "Qt Creator"],

"version_control": ["GitHub"]

},

"personal_skills": [

"Proficient with MS Office",

"Strong interpersonal and communication skills",

"Poised under pressure",

"Fun and energetic"

]

};

```
// Example using 'for' loop to iterate over certifications
for (let i = 0; i < resumeData.certifications.length; i++) {
  console.log(resumeData.certifications[i]);
}
```

2. for...in Loop

```
// Example using 'for...in' loop to iterate over properties of the
education object
for (let key in resumeData.education) {
  console.log(`${key}: ${resumeData.education[key]}`);
}
```

3. for...of Loop

```
// Example using 'for...of' loop to iterate over responsibilities in the
experience array
for (let responsibility of resumeData.experience[0].responsibilities) {
  console.log(responsibility);
}
```

4. forEach Method

```
// Example using 'forEach' method to iterate over languages in
technical skills
resumeData.technical_skills.languages.forEach(function(language) {
  console.log(language);
});
```