							Resume Suggestions Prompt Engineering Tests Analysis				Final Scores		
Test Type	# of Examples Provided	System Prompt	Resume	Job Description	Examples	Quality of Output	Resume Suggestions Output	Quality Notes			0 Step = 20	1 Step = 24	1 Long Step = 11
Zero Shot	0	You are a helpful assistant that generates suggestions for a resume from a resume and a job description. Only respond with the suggestions and nothing else.	Cynthia Dwayne	Lenovo	N/A	2 - Fine	Here are some suggestions for your resume based on the job description: **Summary:** Highly motivated and detail-oriented Associate Cloud Software Engineer with a strong foundation in software engineering concepts and experience with Java, Angular/React, SpringBoot, and MongoDB. **Technical Skills:** * Programming languages: Java * Development frameworks: Angular/React, SpringBoot * Databases: MongoDB * Cloud services: AWS, Azure, Google Cloud Platform (optional) * Agile methodologies: Experience or familiarity (optional) **Experience:** * Software Developer Intern (6+ months), XYZ Company (or similar experience) + Developed software solutions using Java and Angular/React + Implemented features through the entire software lifecycle + Collaborated with cross-functional teams to ensure high standards **Education:** * Bachelor's/Master's Degree in Engineering, Computer Science or technical related discipline (recent graduate) **Certifications/Awards:** * None mentioned in the job description, but consider adding any relevant certifications or awards you have received. **Projects/Portfolio:** Consider adding a link to your personal projects or portfolio that demonstrate your skills and experience as a software engineer.	Good Formatting but heavily based its answer off of made up content				

| Zero Shot | 0 | You are a helpful assistant that generates suggestions for a resume from a resume and a job description. Only respond with the suggestions and nothing else. | Ava Johnson | Epic Games | N/A | 4 - Very Good | Here are some suggestions for your resume based on the Epic Games job description:

Summary:
Highly motivated software engineer with a passion for games and C++ programming, seeking a challenging role in Unreal projects that enables me to collaborate with cross-discipline teams and drive impactful systems.

Technical Skills:

* C++
* Unreal Engine development
* Game development experience across multiple platforms
* Social, frontend, and gameplay-adjacent areas of game development

Experience:

* Software Engineer (Game Development)
+ Developed features for games on various platforms
+ Collaborated with cross-discipline teams to drive impactful systems
+ Implemented robust code with a focus on future-proofing
+ Optimized and fixed bugs in new and legacy systems

Education:

* Bachelor's/Master's Degree in Computer Science or related field

Projects:

* [Game Development Project 1]
* [Game Development Project 2]

Certifications/Awards:

* Unreal Engine certification
* Game development awards (if applicable)

Personal Projects:

* [Personal Game Development Project]
* [Frontend/Backend Development Project]

References:
Available upon request. | Good Format but some aspects are lacking in explanation | | | | |

| Zero Shot | 0 | You are a helpful assistant that generates suggestions for a resume from a resume and a job description. Only respond with the suggestions and nothing else. | Charles McTurland | Fidelity | N/A | 5 - Exceptional | Here are some suggestions for your resume based on the job description:

Summary
Highly motivated software engineer with 2+ years of frontend development experience, seeking a challenging role at Fidelity Digital Assets where I can leverage my technical expertise to build intuitive and functional user interfaces.

Technical Skills

* Angular
* JavaScript
* TypeScript
* RxJS
* HTML
* CSS/SCSS
* NgRx
* Redux
* Jest
* Playwright
* Cypress
* REST APIs
* Automated CI/CD environments
* Basic Java technologies

Experience

* Frontend Software Engineer, [Previous Company] (20XX-20XX)
+ Developed user-friendly web applications using Angular and JavaScript
+ Collaborated with cross-functional teams to build end-to-end solutions
+ Implemented automated testing frameworks using Jest and Cypress
* Freelance/Contract Work (20XX-20XX)
+ Built custom web applications for clients using HTML, CSS, and JavaScript

Education

* Bachelor's/Master's Degree in Computer Science or related field (20XX-20XX)

Certifications

* [Any relevant certifications you have]

Projects

* [Link to your personal projects or GitHub repository]

References
Available upon request.

Note: This is just a sample and you should customize it according to your own experiences and qualifications. | This one has about everything I'm looking for. Excellent format and a lot of content to give suggestions for | | | | |

| Zero Shot | | 0 | You are a helpful assistant that generates suggestions for a resume from a resume and a job description. Only respond with the suggestions and nothing else. | Cynthia Dwayne | RedHat | N/A | 4 - Very Good | Here are some suggestions for your resume based on the job description:

Summary
Highly motivated software engineer with 2+ years of experience in troubleshooting and debugging service applications, Python programming language, Django framework, relational databases, SQL queries, containerization technologies, and coding peer reviews.

Technical Skills

* Programming languages: Python
* Frameworks: Django
* Databases: Relational databases, SQL queries
* Technologies: Containerization (e.g. Docker)
* Testing: Automated testing, code quality metrics, code coverage reports

Experience

* Software Engineer, [Previous Company] (20XX-20XX)
+ Troubleshoot and debug service applications
+ Developed and maintained data pipelines for application data storage and retrieval
+ Worked with architects to design and implement features related to data pipeline
+ Implemented automated tests and ensured high code quality metrics

Education

* Bachelor's degree in Computer Science or related field, [University Name] (20XX-20XX)

Certifications/Awards

* [Relevant certifications or awards]

Projects

* [List relevant projects that demonstrate your skills and experience]

References
Available upon request. | This one's alright but is really more giving back a new resume which is not quite the goal of this | | | | |

Zero Shot	0	You are a helpful assistant that generates suggestions for a resume from a resume and a job description. Only respond with the suggestions and nothing else.	Charles McTurland	Apple	N/A	5 - Exceptional	Here are some suggestions for your resume based on the job description: **Summary** Highly motivated engineer seeking a challenging role in developing innovative health and fitness solutions, utilizing strong technical and communication skills. **Technical Skills** * Programming languages: iOS, object-oriented programming * Apple technologies: Grand Central Dispatch, CloudKit, XPC Activity/Services * Systems-level concepts: multi-threading, interprocess communication, performance tuning * Distributed systems design and development **Experience** * Software Engineer (Health or Medical domain) + Developed health-related applications or APIs + Collaborated with cross-functional teams to deliver innovative solutions + Designed and delivered comprehensive test suites for quality assurance * Experience delivering libraries, frameworks or APIs in a previous role **Education** * BS Computer Science or equivalent experience **Projects** * Personal project: Develop a mobile application for tracking fitness goals and health metrics * Contribution to open-source projects related to health and wellness **Certifications/Awards** * Relevant certifications (e.g. Apple Developer Certification) * Awards for outstanding contributions in the field of health and wellness technology	This one's pretty good and relates relevant content to the company			
One Shot	1	You are a helpful assistant that generates suggestions for a resume from a resume and a job description. You have also been provided a sample output. Only respond with the suggestions and nothing else.	Cynthia Dwayne	Lenovo	resume_suggestion.txt	5 - Exceptional	Here are some suggestions for your resume: **Experience:** 1. Replace "Responsible for" with "Achieved" 2. Use action verbs like "Developed", "Improved", and "Enhanced" 3. Quantify achievements by using numbers and statistics 4. Emphasize transferable skills from previous roles **Skills:** 1. Prioritize Python and Java in the Skills section since they are mentioned in the job description 2. Add soft skills like communication, problem-solving, and adaptability 3. Consider adding relevant tools or technologies used in your projects **Projects:** 1. Use a clear and concise format for project descriptions 2. Include a brief overview of the project and its goals 3. Highlight achievements and impact made by the project 4. Consider adding a link to the project repository or a demo if possible	I really like this one, short and concise which would display well in a webpage a user is looking at.			

								Here are some resume suggestions based on the provided sample output:				

| One Shot | | 1 | You are a helpful assistant that generates suggestions for a resume from a resume and a job description. You have also been provided a sample output.
Only respond with the suggestions and nothing else. | Ava Johnson | Epic Games | resume_suggestion.txt | 5 - Exceptional | Here are some resume suggestions based on the provided sample output:

Experience:

1. Replace passive voice phrases with active voice phrases, e.g., "Utilized C++ programming skills" instead of "C++ programming skills were utilized."
2. Emphasize Python usage within job descriptions by highlighting relevant projects or experience.
3. Discuss soft skills like talking to customers and leadership opportunities, e.g., "Developed strong communication skills through customer-facing roles" or "Led small teams on project-based initiatives."

Skills:

1. Reorganize skills to state Python and Java first since they are mentioned in the job description.
2. State key skills related to leadership such as coordination, teamwork, and collaboration.
3. Consider adding relevant tools or technologies used in the role, e.g., Unreal Engine.

Projects:

1. Break descriptions into small bullet points for easier reading.
2. Provide a link to the project if possible, especially if it's publicly available.
3. Create a digital portfolio to showcase projects and demonstrate skills.
4. Consider adding a personal statement or summary that highlights relevant experience and skills.
5. Use action verbs like "Designed," "Developed," "Implemented," and "Managed" to describe project experiences.

Education:

1. Include relevant coursework, certifications, or training programs related to game development or software engineering.
2. Highlight any academic achievements, such as GPA or awards received.

Certifications/Licenses:

1. List any relevant certifications, licenses, or professional memberships related to the field of game development or software engineering.

References:

1. Include at least two professional references with their name, title, company, and contact information.
2. Consider adding a personal statement or summary that highlights relevant experience and skills. | This one is pretty exceptional. Giving good suggestions with explanations within specific sections. Also gives some ideas based off of content that it may not know but it explicitly says that it may not be relevant. I really like this one | | | |

One Shot	1	You are a helpful assistant that generates suggestions for a resume from a resume and a job description. You have also been provided a sample output. Only respond with the suggestions and nothing else.	Charles McTurland	Fidelity	resume_suggestion.txt	4 - Very Good	Experience: 1. Replace "Embracing" with more specific action verbs like "Developed", "Improved", or "Enhanced" 2. Use numbers and metrics to quantify achievements, e.g., "Increased user engagement by 25% through A/B testing" 3. Highlight transferable skills from previous roles, e.g., "Utilized project management tools to coordinate team efforts" Skills: 1. Reorder skills to prioritize Python and Java 2. Add leadership-related skills like: * Team coordination * Communication * Strategic planning 3. Consider adding cloud platform experience (AWS) as a key skill Projects: 1. Use bullet points to break down project descriptions into smaller, manageable chunks 2. Include links or GitHub repositories for projects where possible 3. Create a digital portfolio with images, descriptions, and links to showcase projects 4. Consider adding a section for "Personal Projects" or "Contributions" to demonstrate passion and skills outside of work	This one's a little less thorough than I would like but overall completes the goal and is in a very nice format
One Shot	1	You are a helpful assistant that generates suggestions for a resume from a resume and a job description. You have also been provided a sample output. Only respond with the suggestions and nothing else.	Cynthia Dwayne	RedHat	resume_suggestion.txt	5 - Exceptional	Experience: 1. Replace "Handle bug reports" with "Analyze and resolve complex software issues" 2. Emphasize Python usage in job descriptions, e.g., "Utilized Python programming language to develop and maintain data pipelines" 3. Discuss soft skills like customer communication, leadership opportunities, e.g., "Collaborated with cross-functional teams to design and implement features" Skills: 1. Reorganize skills to state Python and Django first since they are on the job description 2. Add key skills related to leadership such as coordination, teamwork, e.g., "Demonstrated expertise in team collaboration and project management" 3. Include technical skills like containerization technologies, relational databases, SQL queries Projects: 1. Break descriptions into small bullet points for easier reading 2. Provide a link to the project if possible 3. Create a digital portfolio to showcase projects, e.g., "Developed and maintained data pipelines using Python and Django" 4. Include a section for personal projects or contributions to open-source projects	I like the information it gives for each of the sections and they all seem relevant and logical for the specific job that is being applied to

| One Shot | | 1 | You are a helpful assistant that generates suggestions for a resume from a resume and a job description. You have also been provided a sample output.
Only respond with the suggestions and nothing else. | Charles McTurland | Apple | resume_suggestion.txt | 5 - Exceptional | Experience:

1. Replace "Responsible for" with "Delivered"
2. Use action verbs like "Designed", "Developed", "Improved"
3. Quantify achievements (e.g., "Increased performance by 30%")

Skills:

1. Reorder skills to prioritize most relevant ones
2. Add keywords from job description (e.g., "HealthKit", "API design")
3. Include soft skills like "Communication", "Problem-solving"

Projects:

1. Use concise bullet points for project descriptions
2. Include a brief summary or context for each project
3. Consider adding a "Technical Details" section for more in-depth information

Education:

1. Add relevant coursework or specializations (e.g., "Health Informatics")
2. Emphasize academic achievements (e.g., GPA, awards)

Certifications:

1. List any relevant certifications (e.g., "Apple Developer Certification")
2. Include a brief description of the certification and its relevance to the job

References:

1. Use a standard format for references (e.g., "Available upon request")
2. Consider adding a professional summary or personal statement | This one is in a good format that doesn't overload the user with extraneous content and comes up with some unique suggestions such as certain certifications that could be emphasized | | | | |

One Shot Long	1		Cynthia Dwayne	Lenovo	resume_suggestion.txt	3 - Good					

The prompt column:

You have also been provided a sample output.
Only respond with the suggestions and nothing else.

ANALYSIS REQUIREMENTS:
1. Emphasize skills from the Job Description that are also on the resume
2. Note any unique qualities the candidate may possess

GUIDELINES:
- Avoid Generic phrases
- Total Length of the Resume should be about a page looking

STRUCTURE:
1. Break the output into 2-5 Sections
2. Make references to both technical and soft skills that the company would be eager for
3. Rephrase overly wordy descriptions with succint but efficient descriptions

TONE:
- Confident but humble
- Enthusiastic

FORMAT:
[Section 1]
- [Content]

[Section 2]
- [Content]

[Section 3]
- [Content]

The output column:

Section 1: Experience

* **Cloud Software Engineer**, [Previous Company] (Date)
+ Collaborated with cross-functional teams to develop scalable software solutions, integrating client agents and cloud services.
+ Implemented features through the entire software lifecycle, from design to production release.
+ Ensured high standards, consistency, and durability of implementation by reviewing peers' pull requests.
* **Software Development Intern**, [Previous Company] (Date)
+ Contributed to the development of software solutions using Java and Angular/React.
+ Gained experience with RESTful web services, object-oriented design principles, and data structures.

Section 2: Skills

* **Programming Languages**
+ Python
+ Java
* **Cloud Services**
+ Experience with SpringBoot and MongoDB
* **Agile Development**
+ Familiarity with working in Agile environments
* **Leadership Skills**
+ Strong coordination and teamwork skills
+ Effective communication and presentation skills

Section 3: Education

* **Bachelor's/Master's Degree**, [University Name] (Date)
+ Coursework included software engineering, computer science, and technical related disciplines.

Unique Qualities

* Proven ability to work collaboratively in a fast-paced environment.
* Strong passion for delivering high-quality solutions that meet customer needs.

The comment column:

Fine format but not something that I think would look great on a web application

One Shot Long	1				Ava Johnson	Epic Games	resume_suggestion.txt	2 - Fine					

You have also been provided a sample output.
Only respond with the suggestions and nothing else.

ANALYSIS REQUIREMENTS:
1. Emphasize skills from the Job Description that are also on the resume
2. Note any unique qualities the candidate may possess

GUIDELINES:
- Avoid Generic phrases
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STRUCTURE:
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2. Make references to both technical and soft skills that the company would be eager for
3. Rephrase overly wordy descriptions with succint but efficient descriptions

TONE:
- Confident but humble
- Enthusiastic

FORMAT:
[Section 1]
- [Content]

[Section 2]
- [Content]

[Section 3]
- [Content]

Section 1: Experience

* **Software Engineer**, [Previous Company] (20XX-20XX)
+ Designed and implemented scalable systems for live-service products, utilizing C++ and Unreal Engine technology.
+ Collaborated with cross-discipline teams to develop cutting-edge features that enhanced player experiences in Fortnite.
+ Optimized and fixed bugs in new and legacy systems, ensuring seamless gameplay and user satisfaction.
* **[Relevant Coursework/Training]**

Section 2: Skills

* **Programming Languages**
+ C++
+ Unreal Engine development
+ Python (desired)
+ Java (desired)
* **Leadership and Collaboration**
+ Team coordination and management
+ Effective communication with customers and stakeholders
+ Leadership opportunities in software engineering projects

Section 3: Projects

* **Fortnite Player Journey Project**
+ Developed a system for socializing between players, utilizing C++ and Unreal Engine technology.
+ Integrated backend services to support player experiences and ensured seamless gameplay.
+ Collaborated with cross-discipline teams to develop cutting-edge features that enhanced player experiences in Fortnite.
* [Digital Portfolio Link]

Unique Qualities:

* Passionate about games and great user experiences
* Keen analytical mind and mature problem-solving skills
* Experience developing features for games across multiple platforms

This one follows more of a format of a resume but it's lacking content of the original resume, I imagine it tried to overfit the prompt

| One Shot Long | 1 | You have also been provided a sample output.
Only respond with the suggestions and nothing else.

ANALYSIS REQUIREMENTS:
1. Emphasize skills from the Job Description that are also on the resume
2. Note any unique qualities the candidate may possess

GUIDELINES:
- Avoid Generic phrases
- Total Length of the Resume should be about a page looking

STRUCTURE:
1. Break the output into 2-5 Sections
2. Make references to both technical and soft skills that the company would be eager for
3. Rephrase overly wordy descriptions with succint but efficient descriptions

TONE:
- Confident but humble
- Enthusiastic

FORMAT:
[Section 1]
- [Content]

[Section 2]
- [Content]

[Section 3]
- [Content] | Charles McTurland | Fidelity | resume_suggestion.txt | 2 - Fine | **Section 1: Experience**

* **Software Engineer**, [Previous Company] (20XX-20XX)
+ Developed and deployed multiple production features using Angular, JavaScript, TypeScript, and RxJS, resulting in improved user experience and increased efficiency.
+ Collaborated with cross-functional teams to design and implement intuitive user interfaces, ensuring seamless customer interactions.
+ Utilized data-driven approaches to inform product decisions, measuring and analyzing key performance indicators to drive business growth.

Section 2: Skills

* **Programming Languages**
+ Python (2+ years of experience)
+ Java (basic understanding)
* **Frontend Development**
+ Angular
+ JavaScript
+ TypeScript
+ RxJS
+ HTML
+ CSS/SCSS
* **Soft Skills**
+ Leadership: Proven ability to coordinate and lead teams, driving results-oriented projects.
+ Communication: Strong analytical and organizational skills, with the ability to effectively communicate technical concepts to non-technical stakeholders.

Section 3: Projects

* **Digital Asset Platform**, [Project Name] (20XX)
+ Designed and developed a full-service enterprise-grade platform for storing, trading, and servicing digital assets.
+ Utilized NgRx and Redux for state management, ensuring efficient and scalable architecture.
+ Implemented automated CI/CD environments using Jest, Playwright, and Cypress to ensure seamless deployment and testing.

Certifications

* [Certification Name], [Issuing Organization] (20XX)

Note: The above suggestions are based on the provided job description and resume. They aim to emphasize skills from the Job Description that are also on the resume, note any unique qualities the candidate may possess, and provide a concise and confident tone. | Same problem as the last one, overfit and too little content | | | | |

| One Shot Long | 1 | You have also been provided a sample output.
Only respond with the suggestions and nothing else.

ANALYSIS REQUIREMENTS:
1. Emphasize skills from the Job Description that are also on the resume
2. Note any unique qualities the candidate may possess

GUIDELINES:
- Avoid Generic phrases
- Total Length of the Resume should be about a page looking

STRUCTURE:
1. Break the output into 2-5 Sections
2. Make references to both technical and soft skills that the company would be eager for
3. Rephrase overly wordy descriptions with succint but efficient descriptions

TONE:
- Confident but humble
- Enthusiastic

FORMAT:
[Section 1]
- [Content]

[Section 2]
- [Content]

[Section 3]
- [Content] | Cynthia Dwayne | RedHat | resume_suggestion.txt | 2 - Fine | **Section 1: Experience**

* **Bug Report Management**: Managed bug reports for Red Hat software, ensuring timely resolution and high-quality fixes.
* **Data Pipeline Development**: Designed, developed, and maintained data pipelines to store and retrieve application data, collaborating with architects to design features.
* **Analytics and Performance Metrics**: Worked on producing required analytics for customers, including HTTP request response times, database query times, and backend job processing times.

Section 2: Skills

* **Programming Languages**: Proficient in Python programming language and Django framework, with experience in troubleshooting and debugging service applications.
* **Database Management**: Familiarity with relational databases and SQL queries, with experience in containerization technologies.
* **Leadership and Collaboration**: Proven ability to coordinate and work effectively with teams, including Product Management and stakeholders, to identify gaps and implement features.

Section 3: Projects

* **Data Pipeline Project**: Developed a data pipeline to store and retrieve application data, resulting in improved data processing efficiency (link to project).
* **Analytics Dashboard**: Created an analytics dashboard using Python and Django, providing insights into customer cloud compute spend.
* **Bug Report Management System**: Designed and implemented a bug report management system, ensuring timely resolution of issues and high-quality fixes. | Overfit too little content, so this one probably won't be very useful |

One Shot Long	1	You have also been provided a sample output. Only respond with the suggestions and nothing else. ANALYSIS REQUIREMENTS: 1. Emphasize skills from the Job Description that are also on the resume 2. Note any unique qualities the candidate may possess GUIDELINES: - Avoid Generic phrases - Total Length of the Resume should be about a page looking STRUCTURE: 1. Break the output into 2-5 Sections 2. Make references to both technical and soft skills that the company would be eager for 3. Rephrase overly wordy descriptions with succint but efficient descriptions TONE: - Confident but humble - Enthusiastic FORMAT: [Section 1] - [Content] [Section 2] - [Content] [Section 3] - [Content]	Charles McTurland	Apple	resume_suggestion.txt	2 - Fine	**Section 1: Experience** * **Health Data Engineer**, XYZ Corporation (20XX-20XX) + Designed and developed scalable APIs for health data storage, ensuring seamless integration with Apple platforms. + Collaborated with cross-functional teams to deliver innovative solutions for efficient syncing of health data across multiple devices. + Implemented performance optimization techniques to ensure power and performance constraints were met on power-constrained devices. * **Software Engineer**, ABC Startups (20XX-20XX) + Developed and maintained libraries and frameworks for distributed systems design and development, utilizing expertise in object-oriented architecture and design. **Section 2: Skills** * **Programming Languages:** Python, Java * **Leadership Skills:** + Coordination and Teamwork + Communication and Collaboration * **Technical Skills:** + iOS Programming (Grand Central Dispatch, CloudKit, XPC Activity/Services) + Distributed Systems Design and Development + Object-Oriented Architecture and Design **Section 3: Projects** * **Health Data Syncing Solution**: Developed a scalable API for syncing health data across multiple Apple platforms, ensuring seamless integration with HealthKit framework. + Implemented performance optimization techniques to ensure power and performance constraints were met on power-constrained devices. + Collaborated with cross-functional teams to deliver innovative solutions for efficient syncing of health data. * **Digital Portfolio**: [Link to Digital Portfolio] **Unique Qualities:** * Proven ability to work effectively in a fast-paced, collaborative environment * Strong foundation in Computer Science fundamentals and experience delivering libraries, frameworks, or APIs * Familiarity with Wellness or Medical concepts, with a passion for using technology to improve human health.	Tried to make a subpar resume again, so this style is probably not ideal