Saumil Nalin  
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Objective:  
As an Entry Level Cloud Engineer, I am eager to put into practice my technical skills in AWS Cloud, Google AI, Azure OpenAI Services, and Python/Java coding to help organizations achieve their objectives and further develop my career. I bring a fresh perspective on AI applications, captivated by the transformative potential of the latest technologies, and thrive in team environments.   
  
Education:  
Bachelor of Science: Physics and Computer Science Dec 2023  
The University of Texas at Dallas GPA: 3.34  
Academic Excellence Scholarship  
  
Skills:  
- Proficient in Java and Python Programming to code, test and debug software applications.  
- Knowledgeable in Artificial Intelligence techniques, including machine and deep learning algorithms and their implementation.  
- Familiarity with Web Development techniques, including front-end frameworks, data integration, and deployment.  
- Hands-on experience with AWS Cloud Services, Microsoft Office Suite, and CAD software.  
- Proficient in Terraform and Ansible orchestration tools to build, deploy and manage cloud infrastructure.  
- Strong Problem-Solving skills, with a demonstrated ability to think creatively, critically, and independently.  
- Effective Communication skills, with experience in presenting complex technical information to a non-technical audience.  
- Proven Team Leadership capabilities with experience leading and contributing to successful projects.  
  
Certifications:  
- Google Analytics   
- Google Cloud Generative AI Fundamentals   
- AWS Certified Cloud Practitioner  
- MATLAB Fundamentals   
- LPS Qubit Collaboratory Summer of Quantum   
- Generative AI solutions with Azure  
  
Projects:  
- Storybook Generator AI: Developed an AI frontend that generates a picture book from a given title including up to 5-pictures, and an audio recording to narrate the story.  
- Speech to Image Converter: Employed OpenAI API to convert audio to image using speech-to-text for transcription and integrated that into image generation.  
- ECS Chatbot: Built OpenAI-powered chatbot to aid engineering campus advisors with student FAQs. Utilized extractive AI on department website PDF data obtained via web scraping, reducing advisor workload.  
- Study on the Thermoacoustic Effect: Led a 5-month thermoacoustic research project, involving CAD-based stack design, complex electronics manipulation, instrumentation, and successful recreation of thermoacoustic effects, demonstrating strong teamwork and technical expertise in experimental design.  
  
Work Experience:  
MathWorks, MATLAB Student Ambassador (Mar 2023 – Dec 2023)  
- Explained MATLAB resources to assist over 100 students in connecting with engineering interests.  
- Coordinated social media communications with 300% increase in account reach and interaction in 9 months.  
  
Kappa Theta Pi Fraternity – Mu Colony, Back-End Developer (Feb 2023 – Aug 2023)  
- Built OpenAI-powered chatbot to aid engineering campus advisors’ load with over 200 tested student FAQs.  
- Utilized AI to extract necessary information from the department website 87-page PDF data obtained via web scraping.  
  
Society of Physics Students, Treasurer (Aug 2020 – Dec 2023)  
- Financed a 501(c)(3) organization established to promote physics on campus with over 50 members.  
- Coordinated with other officers to hold 2-3 events per semester and gain student reach of over 200%.  
  
Overall, I bring a unique blend of technical expertise, leadership capability, and excellent problem-solving and communication skills that make me an ideal candidate for the Entry Level Cloud Engineer role.