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Hiring Manager
Coherent
Hyderabad, India

Subject: Application for Software Engineer Internship Position

Dear Hiring Manager,

I am excited to apply for the Software Engineer Internship position at Coherent, Hyderabad. As a passionate and dedicated software developer, I am eager to contribute my technical skills and problem-solving abilities to your team. The opportunity to work with Coherent, known for its innovation and excellence in technology, aligns perfectly with my career aspirations.

Currently pursuing B.Tech in Computer Science and Engineering at Lloyd Institute of Engineering and Technology, I have developed a strong foundation in software development, algorithms, and system design. My hands-on experience includes building web applications using technologies such as JavaScript, React, Next.js, and MongoDB. Additionally, I am proficient in Python and have experience working on projects involving machine learning and AI, including integrating OpenAI's Whisper model for automated transcription.

Key highlights of my experience include:

- **Full-Stack Web Development:** Developed a **Personal Finance Visualizer** web application using Next.js, React, and Recharts, providing users with real-time expense tracking and budgeting insights.

- **Automation & AI Integration:** Designed an **Automated Transcription System** leveraging OpenAI's Whisper model to process and transcribe audio/video files in real-time.

- **Software Engineering Fundamentals:** Strong understanding of data structures, algorithms, and object-oriented programming principles.

- **Collaboration & Problem-Solving:** Successfully worked on multi-page web applications, ensuring efficient routing, responsive UI, and optimized performance.

I am eager to bring my technical expertise, adaptability, and enthusiasm for learning to Coherent's dynamic team. I am confident that this internship will provide me with valuable exposure to real-world software development while allowing me to contribute meaningfully to your projects.

I would welcome the opportunity to discuss how my skills and experiences align with Coherent's goals. Thank you for your time and consideration. I look forward to hearing from you soon.

Best regards,
Pradeep Soni