Cover Letter – Siddhesh Karande

Hello,

I am currently a Final Year undergraduate student in Computer Science from Vishwakarma Institute of Technology, Pune. I am looking for Software Engineering Internship positions with flexibility in discipline of work and excitement to jump into new areas of technology. I'm passionate about Problem Solving, Machine Learning or the supporting disciplines of Machine Learning and Web Development. I have current CGPA of 8.88. I have completed a great deal of coursework on Designing an Algorithm, Data Structures, Machine Learning Models, OOPs concept programs, DBMS based application, Operating System.

I find great astonishment in learning new algorithm and finding different approaches for the problems. I have been Software Engineer Intern at **BARCLAYS** where I had the valuable opportunity to make a substantial impact on the security, usability, and reliability of a WPF application developed in C# and .NET. I successfully led efforts to remove SQL vulnerabilities by conducting meticulous code reviews, implementing parameterized queries, and following industry best practices using SonarQube Tool. This initiative significantly bolstered the application's security framework, ensuring the protection of sensitive data and mitigating potential risks. Additionally, I took the initiative to enhance user experience by reducing cognitive complexity through intuitive design and streamlined workflows, thus contributing to a more user-friendly interface. I performed Unit Testing of the application. I have been Mentee at Microsoft through Microsoft Engage Program where I designed and built end to end ML model for Places Recommendation. During this program I had a great interaction with the mentors and teammates which gains a real experience of working on project and strengthened my passion for the field.

I believe I would make an excellent addition to your team. This internship would help me grow my real-world experience in the technology industry and help me further develop and refine skills. My experience at Barclays has equipped me with the skills to proactively address software challenges while maintaining a strong focus on security, usability, and quality. I am excited to bring these accomplishments and capabilities to a new opportunity where I can continue to drive impactful and meaningful outcomes.

Siddhesh Karande
Undergraduate in
Computer Science
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