

"The Code I'm Still Ashamed Of" by Sourour narrates the story of how a newly minted developer created insecure code for processing confidential medical data within an establishment while being pressed hard by his managers for early completion without ensuring its security aspect. Using such vulnerabilities would have led to unauthorized access which would have resulted in hazardous outcomes from a virtue ethical standards perspective. Maintaining patient confidentiality implies upholding their interest rather than compromising it on numerous occasions. The lack of transparency, honesty, and empathy is problematic with Sourour's code development process from an ethical viewpoint supported by Virtue Ethics. Honesty requires developers' truthfulness & transparency while developing a code while empathy necessitates being mindful towards its impact on others. As per my argument, when implementing the code developed by Sauron lacks all such essential traits needed to ensure safe use for end-users due to unethical considerations. Therefore, practicing virtuous habits will enable diversity & openness to become more natural through its development process.

Say more about the case. Section short (fixed)

In order for computing professionals to adhere to ethical standards, the ACM established a set of guidelines within their Code of Ethics and Professional Conduct that includes Compliance with the Code- compelling members to promote and abide by its principles rigorously. Within her article "The Code I'm Still Ashamed Of," Sourour finds herself caught in a dilemma where she consciously chose not to write code upholding these standards by violating several principles outlined in the code. Considering Sourour's conduct in compliance with Virtue Ethics enables analysis of this case further. Sourour's actions transgress the ACM Code of Ethics on Compliance as she was aware that she wrote code that fell short in ethical standards; it had functions facilitating massive user data collection without consent while being unclear about its usage intentions. This contravention transgresses various principles embedded in the ACM Code such as Principle 1.1 (Further society

and human welfare), Principle 1.2 (Evade doing wrong to others), and Principle 1.4 (Be candid and trustworthy). These fundamental regulations enjoin computing experts always to mull over their work's overall effect, avoid being harmful towards others where possible while demonstrating full transparency in their conduct towards it. Having knowingly breached ethical codes within her coding work; Sourour's actions could be considered morally questionable from a Virtue ethics perspective due to the violation being inconsistent with exemplary conduct habits above all else. The construction of effective computing output requires individuals who exhibit important morals such as openness and honesty on a continual basis if they wish succeed fulfilling societal duties alongside providing admirable services/outputs for others thus rendering high importance onto those key virtues. Virtuous comportment is absent from behavior that breaches morality in order benefit oneself at someone else's cost-as performed by Sourour-but could be replenished by upholding virtue ethics ideals while abiding by proper standards such as transparency throughout one's laborious process. Compliance with the Code should be examined carefully in order to understand its potential as a tool for fortifying Virtue Ethics within the computing field. However, it is crucial to acknowledge its potential. By complying with the principles stated in ACM Code of Ethics, computing professionals are empowered to develop refined morals and standards (virtuous behaviors) aligned with ethical requirements. This facilitates them in honoring their societal obligations while promoting general well-being. Sourour's plight presents a case study highlighting how adherence to ACM's guiding principles would have facilitated her moral development as per defined virtues. The utilization of the Compliance with the Code in examining computing professional actions and their adherence to ethical standards is an invaluable concept. As seen in Sourour's case, her actions contravene several tenets listed under ACM Code of Ethics such as considering societal impact and honesty in work output while avoiding possible harm to others. The moral deficiency of her wrongdoings can be attributed to virtue ethics since they go against the tenets of virtuous behavior expected of professionals, which are in accordance with Virtue Ethics. By adhering to the

principles enshrined within ACM, we can gain a better understanding of what it means to develop virtuous behaviors that align with the ethical requirements for fulfilling our societal responsibilities.

Section a little short. Promising but needs more on all fronts (fixed)

According to the article "Confidentiality: A Comparison Across the Professions of Medicine, Engineering, and Accounting" by Mary Beth Armstrong, confidentiality and privacy are governed by different principles that apply to a variety of professions. Moreover, these concepts are also relevant in relation to the case presented in the book "The Code I'm Still Ashamed Of", where Bill Sourour discloses confidential client information, raising the issue of ethical considerations in software engineering. It was in Mary Beth Armstrong's article that she explored a core fundamental within vocations that are as distinct as engineering, accounting, and medicine. There was one particular concept that was being discussed here, and that was confidentiality it aims to examine both the similarities and differences amongst these industries in regard to the principles that govern what information may be disclosed in private matters regarding individual clients, patients, stakeholders, etc., without infringing upon the ethical dimensions that are inherent in these fields. One of the most important aspects of confidentiality is ensuring that sensitive data is kept from unwanted eyes or unwarranted disclosure by stakeholders. The fundamental principal of confidentiality plays a vital role in several sectors like medicine wherein healthcare providers possess exclusive patient information. Similarly, engineers and accountants need to maintain data security while dealing with clients' operational methods and financial transactions. "The Code I'm Still Ashamed Of" narrates a programmer's moral predicament regarding protecting user-sensitive details. Principles like

confidentiality and privacy play a significant role in various professionals' ethical codes; engineers are no exception; they have their own set guidelines concerning these principles. For example, Principle 3.ACM Code Ethics & Professional Code requires engineers to maintain "the confidentiality and privacy" of their clients or employers throughout their professional engagements with them. Engineers recognize that the maintenance of such confidentiality norms not only establishes secure relations with these clients but also promotes trust-building within various professional engagements involving these clients. "The Code I'm Still Ashamed Of" presents an ethical predicament encountered by a software engineer concerning confidential handling of user data. The engineer was aware of the vulnerability of code he had programmed, and how it could fall into wrong hands exposing users' private details without authorization. While acknowledging confidentiality's criticality and obligation to uphold ethical conduct, there existed a corporate culture that set tremendous value on accomplishing tasks quickly without minding security or privacy; thereby increasing pressure on him to breach such confidentiality regulations for the success of their innovation projects. Virtue ethics dictates that developers' actions are evaluated based on how well they espouse confidentiality practices. Understanding that preserving user information is intrinsically significant reveals laudable behavior from developers who exhibit virtues such as discretion and trustworthiness. On the other hand, if motivated by corporate goals and objectives at any cost, undermining sensitive information becomes tantamount to failure in cultivating an ethos grounded in confidential morality. Within the rubric of virtue ethics guidelines then adherence thereto demands prioritizing user privacy above expedience exemplified by firms like "moving fast and breaking things." Embracing this outlook cultivates integrity which is fundamental to responsible software development.

Needs to fill out Armstrong (fixed)

Sourour's case exposed ethical dilemmas when honesty principles are ignored. In other words, Sourours actions do not reflect Armstrong's emphasis on observing confidentiality principles, suggesting that they may cause moral crises for professionals from the perspective of consequentialists. Despite pressure from superiors or employers, it remains our duty to prioritize client's well-being through retaining their privacy interests above all else whilst not failing on our responsibilities either side. We find ourselves according to universal software development ethic prerequisites responsible for keeping user data confidentially since technology organizations can cause severe consequences to users as observed by Souror in her work. Technology industry obligations to protect user privacy and trust cannot be overstated. With a continual rise in software application relevance, it has become vital to incorporate ethical practices that prioritize fundamental principles such as integrity, honesty, and responsibility. This is during the software development process. Using Virtue Ethics provides guidance for creating protocols designed to develop products that reflect these values while delivering exceptional services. Conclusion works