

POSITION DESCRIPTION

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| **POSITION TITLE:** | AI Security Engineer |
| **LOCATION:** | ZICC Hyderabad, India |
| **REPORTS TO POSITION TITLE:** | (TBD) |
| **FUTURE MANAGER NAME** | Sindhura Mekala |
| **SUBMISSION DATE:** | 3/17/2025 |
| **Hiring Manager (main contact for hiring)** | Jeff Rosenberg |
| **Job Grade** | 060 Sr Analyst |
| **ZTD Tower** | TRM |
| **ICC Business Case Name** | InfoSec & IDAM |
| **# of Roles** | 1 |
| **Target Hire Date** | 5/15/2025 |

*In completion of the position description, provide definitions for all acronyms.*

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| **POSITION SUMMARY**  Summarize the primary purpose & key accountabilities of the position, including scope of responsibility in 5-7 concise sentences. (i.e., Global vs. Country/Region) It may be helpful to complete this section after you have finished the other sections of the document. |
| Zoetis, Inc. is the world's largest producer of medicine and vaccinations for pets and livestock.  The Zoetis Tech & Digital (ZTD) Global ERP organization is as a key building block of ZTD comprising of enterprise applications and systems platforms.    Join us at Zoetis India Capability Center (ZICC) in Hyderabad, where innovation meets excellence. As part of the world's leading animal healthcare company, ZICC is at the forefront of driving transformative advancements and applying technology to solve the most complex problems. Our mission is to ensure sustainable growth and maintain a competitive edge for Zoetis globally by leveraging the exceptional talent in India.    At ZICC, you'll be part of a dynamic team that partners with colleagues worldwide, embodying the true spirit of One Zoetis. Together, we ensure seamless integration and collaboration, fostering an environment where your contributions can make a real impact. Be a part of our journey to pioneer innovation and drive the future of animal healthcare.  Zoetis’ Tech and Digital Team is seeking a highly skilled and motivated AI Security Engineer to join our team. The ideal candidate will be responsible for designing, implementing, and maintaining security measures to protect our AI systems and applications. This role requires a deep understanding of AI technologies, cybersecurity principles, and the ability to work collaboratively with cross-functional teams to ensure the security and integrity of our AI solutions. |

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| **POSITION RESPONSIBILITIES**  In order of importance, list the primary responsibilities critical to the performance of the position. It is recommended not to list actual tasks but focus on essential responsibilities that highlight accountability and level of judgment required. | **Percent of Time (sum of responsibilities should equal to 100%)** |
| * Design and implement security protocols and measures to protect AI systems and applications. * Conduct security assessments and vulnerability analyses of AI models and algorithms. * Develop and maintain security policies, procedures, and documentation for AI systems. * Collaborate with data scientists, software engineers, and other stakeholders to integrate security best practices into AI development processes. * Monitor and respond to security incidents and threats related to AI systems. * Stay up-to-date with the latest advancements in AI security and emerging threats. * Provide guidance and training to team members on AI security best practices. * Participate in the development and implementation of AI security strategies and roadmaps. | **100%** |

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| **ORGANIZATIONAL RELATIONSHIPS**  Provide the primary groups or key positions that this position will interact with as a regular part of the position responsibilities. Include any external interactions as appropriate. |
| * Daily interaction with various groups within ZTD |

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| **RESOURCES MANAGED** |
| ***Financial Accountability***  *Indicate the Average Budget or Revenue accountability, as applicable.*  This role does not have responsibility for any operational budget. |
| ***Supervision***  *Indicate the typical number of Colleagues managed. Include direct & indirect reports, matrix responsibility and or additional resources (i.e. contingent workers), as applicable.*  This role does not have supervisory responsibility for any colleagues. |

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| **EDUCATION AND EXPERIENCE**  Indicate the formal education, certification or license required and/or preferred.Include the minimum number of years of relevant experience required for the position (where legally permissible). |
| **Education:**   * University Degree in Computer Science/ Information Systems/Business Administration or science related field is required * MS or advanced security/identity courses or other applicable certifications (Azure and AWS Cloud Certification, CISSP, etc.) is desirable   **Experience:**   * 4-6 years of experience in IT with a security background * Strong understanding of AI and machine learning concepts and technologies. * Proficiency in programming languages such as Python, Java, or C++. * Experience with AI frameworks and libraries such as TensorFlow, PyTorch, or Keras. * Knowledge of cybersecurity principles and practices, including encryption, authentication, and access control. * Familiarity with security assessment tools and techniques, such as penetration testing and vulnerability scanning. * Experience with cloud security and securing AI systems in cloud environments. * Strong problem-solving skills and the ability to think critically and analytically. * Excellent communication and collaboration skills. |

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| **TECHNICAL SKILLS REQUIREMENTS**  Indicate the technical skills required and/or preferred, as applicable. |
| * Highly developed communication and inter-personal skills with the ability to influence through personal credibility, integrity and professionalism * Excellent written and oral communication skills * Relentless dedication to Customer Excellence * Strategic thinking and analytical skills * Ability to multitask and work in fast paced environment * Ability to foster collaborative decision making * Capable of working both independently and as a team member * Fluency in English (written and spoken) is a must * Excellent interpersonal and leadership skills, with ability to work in a matrix organization, managing multiple stakeholders that includes Business Units, Functional Leaders and their teams * Communication Skills   + Must be fluent in both written and oral English, with the ability to communicate effectively across technical and non-technical audiences. |

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| **PHYSICAL POSITION REQUIREMENTS**  Note the physical conditions in which work will be performed, if applicable to the position. Examples: Lifting, sitting, standing, walking, ability to travel, drive, unusual attendance requirements, weekend work or travel requirements, etc. |
| Availability to work between 1pm IST to 10pm IST hours (minimum 4 hours of daily overlap with US ET Time zone) |

*This description indicates the general nature and level of work expected. It is not designed to cover or contain a comprehensive listing of activities or responsibilities required of the incumbent. Incumbent may be asked to perform other duties as required. Additional position specific requirements/responsibilities are contained in approved training curricula*.