REFERENCES

1) T. Menzies, J. Greenwald, and A. Frank, "Data mining static code attributes to learn defect predictors," *IEEE Transactions on Software Engineering*, vol. 33, no. 1, pp. 2-13, Jan. 2007.
2) N. Nagappan and T. Ball, "Use of relative code churn measures to predict system defect density," in *Proceedings of the 27th International Conference on Software Engineering (ICSE)*, St. Louis, MO, USA, 2005, pp. 284-292.
3) M. D'Ambros, M. Lanza, and R. Robbes, "Evaluating defect prediction approaches: a benchmark and an extensive comparison," *Empirical Software Engineering*, vol. 17, no. 4-5, pp. 531-577, Oct. 2012.
4) F. S. Fazel, "A new method to predict software faults using an improved genetic algorithm," *Bulletin Société Royale des Sciences de Liège*, vol. 85, no. 2, pp. 149-159, Feb. 2016.
5) F. Ferrucci, M. Harman, and F. Sarro, *Search-based software project management*, New York, NY, USA: Springer, 2014.
6) S. K. Lo, Q. Lu, and C. Wang, "A systematic literature review on federated machine learning: From a software engineering perspective," *ACM Computing Surveys*, vol. 54, no. 5, pp. 1-36, Sept. 2021.
7) R. Malhotra, "Comparative analysis of statistical and machine learning methods for predicting faulty modules," *Applied Soft Computing*, vol. 21, pp. 286-297, Aug. 2014.

8) S. K. Niranjan, "Software bug prediction using object-oriented metrics," *Sadhana*, vol. 42, no. 11, pp. 1893-1901, Nov. 2017.

9) J. Pachouly, S. Ahirrao, K. Kotecha, G. Selvachandran, and A. Abraham, "Systematic literature review on software defect prediction using artificial intelligence," *Engineering Applications of Artificial Intelligence*, vol. 101, pp. 1-19, Apr. 2022.

10) B. Ghotra, S. McIntosh, and A. E. Hassan, "A large-scale study of the impact of feature selection techniques on defect classification models," in *Proceedings of the 14th International Conference on Mining Software Repositories (MSR)*, Buenos Aires, Argentina, 2017, pp. 146-157.

11) M. Mustaqeem and M. Saqib, "Principal component-based support vector machine (PC-SVM): A hybrid technique for software defect detection," *Cluster Computing*, vol. 24, no. 2, pp. 671-682, June 2021.

12) S. K. Pandey, R. B. Mishra, and A. K. Tripathi, "BPDET: An effective software bug prediction model using deep representation and ensemble learning techniques," *Expert Systems with Applications*, vol. 144, pp. 1-12, Mar. 2020.

13) A.O. Balogun, S. Basri, S. J. Abdulkadir, and A. S. Hashim, "Performance analysis of feature selection methods in software defect prediction," *Applied Sciences*, vol. 9, no. 13, pp. 1-17, July 2019.

14) L. Zhao, Z. Shang, L. Zhao, A. Qin, and Y. Y. Tang, "Siamese dense neural network for software defect prediction with small data," *IEEE

Access*, vol. 7, pp. 70859-70871, June 2019.

15) T. Menzies, Z. Milton, and B. Turhan, "Defect prediction from static code features: Current results, limitations, new approaches," *Automated Software Engineering*, vol. 17, no. 4, pp. 375-407, Dec. 2010.

16) M. X. Liu, L. S. Miao, and D. Q. Zhang, "Two-stage cost-sensitive learning for software defect prediction," *IEEE Transactions on Reliability*, vol. 63, no. 2, pp. 331-345, June 2014.

17) X.-Y. Jing, H. Chen, and B. Xu, *Cross-project defect prediction*, New York, NY, USA: Springer, 2019.

18) T. M. Khoshgoftaar, A. S. Pandya, and D. L. Lanning, "Application of neural networks for predicting program faults," *Annals of Software Engineering*, vol. 1, no. 1, pp. 141-154, Sept. 1995.

19) H. D. Tran, L. T. M. Hanh, and N. T. Binh, "Combining feature selection, feature learning, and ensemble learning for software fault prediction," in *Proceedings of the 3rd International Conference on Knowledge Systems (ICKS)*, Da Nang, Vietnam, 2019, pp. 130-140.

20) M. Kondo, C. P. Bezemer, Y. Kamei, A. E. Hassan, and O. Mizuno, "The impact of feature reduction techniques on defect prediction models," *Empirical Software Engineering*, vol. 24, no. 3, pp. 1501-1543, June 2019.