References

- [1] Ghazaleh Beigi and Huan Liu. Privacy in social media: Identification, mitigation and applications. *arXiv preprint arXiv:1808.02191*, 2018.
- [2] Paul Voigt and Axel Von dem Bussche. The eu general data protection regulation (gdpr). *A Practical Guide, 1st Ed., Cham: Springer International Publishing*, 10:3152676, 2017.
- [3] Regulation (eu) 2016/679 of the european parliament and of the council. [Online]. Available: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32016R0679&from=EN#d1e3022-1-1. Accessed: 2021-02-03.
- [4] Vikas Kumar and P Vidhyalakshmi. Cloud computing for business sustainability. *Asia-Pacific Journal of Management Research and Innovation*, 8(4):461–474, 2012.
- [5] Saurabh Kumar Garg and Rajkumar Buyya. Green cloud computing and environmental sustainability. *Harnessing Green IT: Principles and Practices*, 2012:315–340, 2012.
- [6] IT Governance Privacy Team. *Eu general data protection regulation (gdpr)*—an implementation and compliance guide. IT Governance Ltd, 2020.
- [7] Nguyen Binh Truong, Kai Sun, Gyu Myoung Lee, and Yike Guo. Gdpr-compliant personal data management: A blockchain-based solution. *IEEE Transactions on Information Forensics and Security*, 15:1746–1761, 2019.
- [8] Regulation (eu) 2016/679 of the european parliament and of the council, article 4 definitions. [Online]. Available: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32016R0679&from=EN#d1e3022-1-1. Accessed: 2021-02-03.

- [9] Regulation (eu) 2016/679 of the european parliament and of the council, chapter iv controller and processor. [Online]. Available: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32016R0679&from=EN#d1e3022-1-1. Accessed: 2021-02-02.
- [10] Regulation (eu) 2016/679 of the european parliament and of the council, article 5 principles relating to processing of personal data. [Online]. Available: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX: 32016R0679&from=EN#d1e3022-1-1. Accessed: 2021-02-02.
- [11] Regulation (eu) 2016/679 of the european parliament and of the council, chapter iii rights of the data subject. [Online]. Available: https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32016R0679&from=EN#d1e3022-1-1. Accessed: 2021-02-03.
- [12] R Arokia Paul Rajan. Serverless architecture-a revolution in cloud computing. In 2018 Tenth International Conference on Advanced Computing (ICoAC), pages 88–93. IEEE, 2018.
- [13] Barrie Sosinsky. Cloud computing bible, volume 762. John Wiley & Sons, 2010.
- [14] R Rajan. Service request scheduling based on quantification principle using conjoint analysis and z-score in cloud. *International Journal of Electrical & Computer Engineering* (2088-8708), 8(2), 2018.
- [15] Luiz André Barroso and Urs Hölzle. The datacenter as a computer: An introduction to the design of warehouse-scale machines. *Synthesis lectures on computer architecture*, 4(1):1–108, 2009.
- [16] Pranay Dutta and Prashant Dutta. Comparative study of cloud services offered by amazon, microsoft & google. *International Journal of Trend in Scientific Research and Development*, 3(3):981–985, 2019.
- [17] Evolution of serverless computing. [Online]. Available: https://www.ca.com/us/modern-software-factory/content/
 the-evolution-of-serverless-computing.html. Accessed: 2021-04-21.
- [18] Matt Soucoup. Introduction to serverless. [Online]. Available: https://www.telerik.com/blogs/introduction-to-serverless-computing. Accessed: 2021-04-21.

- [19] Building applications with serverless architectures. [Online]. Available: https://aws.amazon.com/lambda/serverless-architectures-learn-more. Accessed: 2021-04-21.
- [20] Ivan Dwyer. Serverless computing. [Online]. Available: https://www.iron.io/docs/Whitepaper_Serverless_Final_V2.pdf. Accessed: 2021-04-21.
- [21] Sajee Mathew and J Varia. Overview of amazon web services. *Amazon Whitepapers*, 2020.
- [22] Amazon cognito developer guide. [Online]. Available: https://docs.aws.amazon.com/cognito/latest/developerguide/what-is-amazon-cognito.html. Accessed: 2021-01-27.
- [23] Using tokens with user pools. [Online]. Available: https://docs.aws.amazon.com/cognito/latest/developerguide/
 amazon-cognito-user-pools-using-tokens-with-identity-providers.html.
 Accessed: 2021-02-22.
- [24] What is amazon api gateway? [Online]. Available: https://docs.aws.amazon.com/apigateway/latest/developerguide/welcome.html. Accessed: 2021-02-24.
- [25] Working with rest apis. [Online]. Available: https://docs.aws.amazon.com/apigateway/latest/developerguide/apigateway-rest-api.html. Accessed: 2021-02-25.
- [26] What is aws lambda? [Online]. Available: https://docs.aws.amazon.com/lambda/latest/dg/welcome.html. Accessed: 2021-03-03.
- [27] What is amazon dynamodb? [Online]. Available: https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Introduction.html. Accessed: 2021-03-09.
- [28] Core components of amazon dynamodb.

 [Online]. Available: https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/HowItWorks.CoreComponents.html. Accessed: 2021-03-09.
- [29] What is iam? [Online]. Available: https://docs.aws.amazon.com/IAM/latest/UserGuide/introduction.html. Accessed: 2021-04-09.

- [30] Justin Richer, Antonio Sanso, and Ian Glazer. *OAuth 2 in Action*. Manning Publications Shelter Island, 2017.
- [31] Tutorial: Intro to react. [Online]. Available: https://reactjs.org/tutorial/tutorial.html#what-is-react. Accessed: 2021-04-05.
- [32] axios. [Online]. Available: https://www.npmjs.com/package/axios. Accessed: 2021-04-07.
- [33] Postman introduction. [Online]. Available: https://learning.postman.com/docs/getting-started/introduction/. Accessed: 2021-04-13.