

# Curriculum Vitae: Ifteher Alom

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PERSONAL INFORMATION	Software Engineer Samsung R&D Institute Dhaka, Bangladesh	<i>LinkedIn:</i> <a href="http://www.linkedin.com/in/ifteheralom">www.linkedin.com/in/ifteheralom</a> <i>E-mail:</i> <a href="mailto:ifteher.alom@gmail.com">ifteher.alom@gmail.com</a> <i>Mobile:</i> +8801736737699
RESEARCH INTERESTS	<b>Blockchain, Computer Security, Identity Management</b>	
EDUCATION	<b>B.Sc Engineering in Computer Science and Engineering</b> Shahjalal University of Science and Technology, Sylhet, Bangladesh	2016 to 2019
	Final Year Thesis    Performance Analysis of Private Blockchain Platforms Electives            Computer Security, Database Systems, Artificial Intelligence Projects              - Block explorer for private blockchain platform: Hyperledger Fabric blockchain, NodeJs SDK and AngularJs web app. - Online sales and inventory management platform: React based website, NodeJs and MongoDB backend. - Online course management system: JSP based web pages, Java servlet and MySQL backend. - Tutor finder mobile app: Android platform app and Google Firebase backend.	
EMPLOYMENT HISTORY	<b>Software Engineer</b> Samsung R&D Institute, Dhaka, Bangladesh	March, 2020 to date
	Projects              Notifications, Home, Recent, Samsung Messages, Backup and Restore Responsibilities      Develop features according to requirements using new tools, libraries, APIs and frameworks in <i>Android WearOS</i> and <i>Tizen</i> platforms. Communicate with key stakeholders located in different geographic locations. Research about application of blockchain in Samsung services. Awards <b>Software Certification</b> (SWC Professional) by Samsung Electronics. <b>Icon of the Month</b> for delivering project goals and teamwork.	
	<b>Research Assistant</b> Shahjalal University Blockchain and SEcurity Laboratory (SUBSEL), Sylhet, Bangladesh	September, 2019 to February 2020
	Projects              Securing online university services Responsibilities      Conducted research and development of a prototype for a unified authentication and authorization system for online university services (Federated Identity Management). Tech Stack            SimpleSAMLphp, Zimbra Mail, Hyperledger Fabric, AWS EC2, Docker, Golang, Javascript, CentOS, Ubuntu.	
JOURNAL SUBMISSIONS	[1] Alom, I., Ferdous, M.S. and Chowdhury, M.J.M. BlockMeter: An Application Agnostic Performance Measurement Framework For Private Blockchain Platforms. In: <i>IEEE Transactions on Services Computing</i> , 2022. (Under review)	
CONFERENCE PUBLICATIONS	[2] Alom, I., Eshita, R. M., Harun, A. I., Ferdous, M. S., Shuhan, M. K. B., Chowdhury, M. J. M. and Rahman, M. S. Dynamic Management of Identity Federations using Blockchain. In: <i>the 3rd IEEE Communications Society (ComSoc) sponsored conference on Blockchain and Cryptocurrency (ICBC)</i> . 2021.	
POSTERS	[3] Alom, I. and Shatil, M.A.U. Performance Measurement Framework For Private Blockchain Platforms. In: <i>Proceedings of the 6th International Conference on Networking, Systems and Security</i> , 2020.	