Biozid **Bostami**

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Education

Bachelor of Science , Computer Science & Engineering   2015
Islamic University of Technology (IUT), Gazipur, Dhaka, Bangladesh   GPA 3.63/4.00
Thesis: "Performance Analysis of Caching Algorithm in Information Centric Networking"

Higher Secondary Certificate , Science Group   2011
Dhaka College, Dhaka, Bangladesh   GPA 5.00/5.00

Secondary School Certificate , Science Group   2009
Dhanmondi Govt. Boys' High School, Dhaka, Bangladesh   GPA 5.00/5.00

Professional Experiences

Synesis It Limited, Dhaka, Bangladesh   *August 2018— Present*

- Software Developer in the projects *"Government Resource Planning"*
- Developing Micro-services architecture based product.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker and Jenkins.
- Deployed a centralized logging environment(ELK, Filebeat) which gather log data from docker containers.
- Research with Micro-service system optimization.
- Helping and Monitoring the junior developers.

WellDev Bangladesh Limited, Dhaka, Bangladesh   *October 2017— June 2018*

- Worked as Software Developer in several projects.
- Worked with distributed System based Products
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker and Jenkins.

Nascenia Limited, Dhaka, Bangladesh   *June 2016— September 2017*

- Worked as Jr.Software Developer in several projects.
- Developed new features, Fixed bugs following the clients requirements
- Learned and Explored different Web technologies e.g: Ruby on Rails, Docker, Ansible etc.

Metlife Bangladesh, Dhaka, Bangladesh   *February 2016— May 2016*

- Worked as IT Officer.
- Maintained different in-house applications.
- Report and Bill generation.

Publications

False Data Injection Attacks in Internet of Things   *Book Chapter*

- *Bostami B., Ahmed M., Choudhury S. (2019) False Data Injection Attacks in Internet of Things. In: Al-Turjman F. (eds) Performability in Internet of Things. EAI/Springer Innovations in Communication and Computing. Springer, Cham, doi.org/10.1007/978-3-319-93557-7_4*

Intrusion Detection for Big Data   *Book Chapter*

- *Bostami, Biozid & Ahmed, Mohiuddin. (2018). Intrusion Detection for Big Data. In: Ahmed, M. (Ed.), Pathan, A.S. (Ed.). (2019). Data Analytics. Boca Raton: CRC Press, doi.org/10.1201/9780429446177-15*

Blockchain And Internet of Things *Book Chapter*
- *Bostami, B., & Ahmed, M. (Accepted). Blockchain And Internet of Things. In: Ahmed, M. (Ed.). Blockchain for Data Analytics. Cambridge Scholars Publishing, UK*

Deep Learning meets Malware Detection: An Investigation *Book Chapter*
- *Bostami, B., & Ahmed, M. (Accepted). Deep Learning meets Malware Detection: An Investigation. In: Pathan A.S. (Ed.) ZM Fadlullah (Ed.). Combating Security Challenges in the Age of Big Data. Springer, Cham*

Professional Projects

HelpAge
An Application aiming to monitor and provide services to aged Rohingya people acorss the camps in Bangladesh.
Technology: Java Spring Boot & Angular 8
- *Currently Designing and Developing new features.*
- *Design and Building the backend using Spring Boot and transfer all current data from NoSql to relational database.*
- *Server maintenance.*

Central Cancer Registry (CCR)
An Application aiming to collect and register all the cancer patient data across Bangladesh.
Technology: Java Spring Boot & Angular 8
- *Designed and Developed backend API following client requirements.*
- *Server Maintenance and Bug fixing.*

Government Resource Planning(GRP)
Micro Service Based ERP system managing all the government departments resources.
Technology: Java Spring Boot & Angular 8
- *Design and Developed Two Module (Meeting and Event) out of Nine Modules from scratch.*
- *Designed intercommunication scheme between different module.*
- *Worked with clustered database, Message Queues, Elastic Stack etc.*
- *Used Docker, Jenkins tools for continuous integration and deployment.*

Nile
A online shopping platform for branded Cloths produced by NILE company.
Technology: Ruby On Rails, HTML, Sass, JavaScript.
- *Developed several new features and customized existing functionalities.*
- *Migrate Data from old structured Database(Mysql) to New structured Database(PostGresql).*
- *Bug fixing.*

Biyeta
One of the popular matrimony sites of Bangladesh
Technology: Ruby On Rails, HTML, Sass, JavaScript.
- *Developed several API to be used by the mobile application.*
- *Optimized the matching algorithm used to find match.*
- *Bug fixing and feature extension.*

SnapKnot
A platform searching and connecting the best photographers across USA
Technology: Ruby On Rails, HTML, Sass, JavaScript.
- *Developed several new features and customized existing functionalities.*
- *Modified the subscription and payment system of the application.*
- *Server maintaining and Application deployment.*
- *Bug fixing.*

BrokerPro
Transportation management system available in USA
Technology: Ruby On Rails, HTML, Sass, JavaScript.
- *Developed several new features and customized existing functionalities.*

- *Server maintaining and Application deployment.*
- *Bug fixing.*

Reviewer Activity

International Journal of Computers and Applications *2018— Present*
    Role: Reviewer

Annals of Data Science (AODS) *2019— Present*
    Role: Reviewer

SGIoT 2018 *2018*
    Role: WORKSHOP TRACK ATBD 2018 - REVIEWER

Skills

- **DevOps**: *Docker, Vagrant, Jenkins, CircleCI, Ansible*
- **Back-end**: *Ruby on Rails, Spring Boot, Django, REST API*
- **Front-end**: *Angular 8, HTML5, SASS, React Js*
- **Programming Languages**: *Ruby, Python, JAVA, LaTeX, R, Shell Script, C, C++*
- **Operating System**: *Windows, Linux, Mac*

Extracurricular Activity

- *Organizing committee Member of 7th IUT ICT FEST 2015*
- *Volunteer during 6th, 5th and 4th IUT ICT FEST (2012,2013,2014)*