



MD ANAET ULLAH

EMBEDDED ELECTRONICS ENGINEER

CONTRACT



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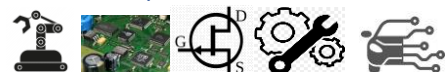
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SKILLS

POWER, A/D ELECTRONICS



PCB & FIRMWARE DESIGN



EMBEDDED PROGRAMMING



3D DESIGN & SIMULATION



MICRO CONTROLLER



CAREER OBJECTIVE

Designing and implementing software of embedded devices and systems from production and commercial deployment; designing and developing system software & Hardware; reviewing code and design; analyzing and enhancing efficiency, scalability, and stability of system resources; integrating and validating new product designs; supporting Product QA and optimizing I/O performance; and interfacing and validating new product designs are some of the core duties and tasks listed on a professional hardware Engineer .

WORK EXPERIENCE

- Designation : **Electronics Engineer (Product Design)**
Organization : Sigma Tech BD, (Dhaka, Bangladesh)
Two Years : Nov-2019 to Present
Responsibility's : Research and Develop New Product
Design PCB of Various Circuit,
Create 3D Design of product
Create Embedded Program and Firmware
Establish Embedded Communication like RF, NRF
(I2C, SPI, MODBUS, UART, MQTT, RF, WIFI)
- Designation : **Hardware Engineer (R&D)**
Organization : Feather IT, (Dhaka, Bangladesh)
Two years : Mar-2017 to Oct/2019
Responsibility's : Established track record of designing, prototyping,
and testing PCBAs for embedded systems and power
converters
Execute projects from concept through transition to
production within the scope, schedule, and budget
constraints
Manage PCB layout design resources
Develop and maintain IoT systems, hardware, and
software for lighting products
- Designation : **Sub Assistant Engineer (Electrical)**
Organization : Premier Towels (CEPZ, Chattogram, BD)
One years : Jun-2013 to Nov-2014
Responsibility's : Design, implement, maintain, and improve
electrical instruments, equipment, facilities,
components, products, and systems for
commercial industrial Purpose.

EDUCATION

- B.Sc.
University : **Electrical and Electronics Engineering**
Duration : Daffodil International University
Four Years (Jan/2015-Jan 2019)
- Diploma
Institute : **Electrical Engineering**
Duration : Chittagong Polytechnic Institute
Four Years (Sept/2009-Mar 2014)
- SSC
School : **Secondary School Certificate (SSC)**
Duration : Chittagong Steel Mills High School
10 Years (Jan/1999-Mar 2009)

PROJECT

- Vehicle Tracking and Health Monitoring. Using OBD2 and IOT
- 9DOF Robotic Arm Using PID & Microcontroller
- Remote Transformer Health Monitoring System, Modbus Output For SCADA.
- Unmanned Surface Vehicles (USVs), Unmanned Aerial Vehicle (UAVs)
- PLC, Microcontroller & Single Board Computer (SBC) Trainer Board
- Hybrid Solar Inverter, Maximum power point Tracking (MPPT).
- Personal Assistant robot AI, tensor Flow, STT, TTS, google assistant, Alexa

STRENGTH

- **Leadership**
- **Teamwork**
- **Innovation**
- **Logical Thinking**
- **Creative**
- **Problem Solving**
- **Communication**
- **Research & Develop**
- **Passion for Learning**

REFERENCE

Professor Dr. Touhid Bhuiyan
Daffodil International University
Professor & Head
102, Sukrabad, Mirpur Road
Dhaka -1207
headcse@daffodilvarsity.edu.bd

TRAINING

- Training Period : Three Months (Dec 2012 to Feb 2013).
Course Name : **Industrial Training.**
Organization : Eastern Cables Limited
- Training Period : Six Months (Jan 2018 to Jun2018).
Course Name : **General Mechanics (GM).**
Organization : BGTTC
- Training Period : Four Days (Feb 2018).
Course Name : **Recognition of Prior Learning (RPL Level-1).**
Organization : BTEB,BGTTC
- Training Period : Four Days (Feb 2018).
Course Name : **Masterclass on Internet of things (IOT).**
Organization : Bangladesh Skill Development Institute

AWARDS

- **Award Name** : I-Envex (2018)
Kind of Award : Gold Medal at Innovation
Organization : University Malaysia Perlis, Malaysia.
- **Award Name** : BASIS Soft Expo 2018
Kind of Award : 1st runner-up at Innovation
Organization : Bangladesh Association of Software (BASIS)
- **Award Name** : BASIS 20 Years of Glory (2019)
Kind of Award : 1st runner-up Project Fair
Organization : Bangladesh Association of Software (BASIS)
- **Award Name** : Daffodil ICT Carnival (2019)
Kind of Award : 1st at ICT Olympiads
Organization : Daffodil International University (DIU)

INTERNATILNAL PARTICIPATION

- **Event: Project Competition and Maker Fare 2018**
IEEE, NSBM Green University, Homagama, Sri Lanka.
- **Event: Tech Fest (2018-2019) | Reforming the Past**
IIT Bombay, Mumbai, India
- **Event: Project Competition and Maker Fare**
IEEE, Stanford International University, Bangkok, Thailand
- **Event: Tech Fest (2018-2019) | Unraveling Transportation**
IIT Bombay, Mumbai, India
- **Event: NASA Space App Challenge 2019 | WildFire Monitor**
BASIS, Dhaka, Bangladesh