



1. Company Profile

1.1 Company Background

sBIT Inc. (USA) and sBIT Ltd. (Bangladesh), (www.sbit-us.com) is premier Information Technology Solution provider in global context. It's a growing company located in Bangladesh with development team in the USA. sBIT provides comprehensive and wide range of turn-key applications, training and value-added solutions to the customers in USA and Bangladesh especially in Microchip VLSI Design, IoT (Internet of Things), Artificial Intelligence, Machine Learning, Data Science, Cyber Security and Robotics.

We have a great team of highly skilled and talented engineers in the areas of hardware, software and services. We can provide you with a complete solution that will increase productivity for your business. sBIT can work as your most cost effective and preferred Information Systems outsourcing partner by utilizing undiscovered gems in near shore and South Asia.

The parent company, sBIT Inc. was founded in 2007 by Non-Residents Bangladeshi (NRB), Dr. Jahangir Dewan. sBIT Inc. is registered with the state of California. sBIT Ltd. was founded in the year 2010 by the same NRB family and is registered Dhaka Joint Stock Corporation with the objective of introducing information technology products to Bangladesh in order to improve business productivity, decrease costs and improve profitability.

sBIT and Cadence (a World's #1 VLSI Software Company in Silicon Valley) partnered together with a goal of developing VLSI Design Capabilities in Bangladesh by supporting Bangladeshi Universities, Public and Private sectors. Our mission is to "develop world resources on VLSI in Bangladesh" by enabling universities, R&D facilities and supporting incubation in this domain.

1.2 Products and Services

sBIT has been working on the subsequent technology areas:

- Microchip Design, VLSI Tools/Software, Training and IP Services
- Artificial Intelligence (AI), Machine Learning and Data Science
- Internet of Things (IoT)
- Cyber Security
- Robotics and Automation
- Application Software
- Outsourcing Services

sBIT has the expertise to provide software development and services to any of the following areas:

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- Microchip VLSI Design
- EDA Software (Cadence, Support and Services)
- Internet of Things (IoT)
- Artificial Intelligence (AI), Machine Learning and Data Science
- Internet of Things (IoT)
- Cyber Security
- Robotics and Automation
- Solar Electronics and Solar Home System Design
- Mobile Applications: iOS, Android and Windows Mobile
- Web Application
- Educational Applications

1.3 sBIT Partners

sBIT-Cadence (www.cadence.com) Partnership in Bangladesh for Cadence University Program

sBIT has pioneered to be the First Non-Resident Bangladeshi Company supporting Micro-electronics VLSI Education in Bangladesh. sBIT has partnered with one of the world leaders in Electronic Design Automation (EDA) software company called **Cadence Design Systems**, USA to build the Microchip VLSI ecosystem in Bangladesh. sBIT provides special programs to support VLSI Design Center Incubation, Electronics/VLSI Labs for the Bangladeshi universities, colleges and polytechnic with tools/software, training, lab development and necessary resources for the Government of Bangladesh and Private Organizations.

Partnership with Leading Training Providers in Asia

sBIT is working on a partnership with **QoS Technology (India) (on Cyber Security)** and **PinE Training Academy (India)** on Training and Solutions and on joint marketing and sales campaign on various Hardware and Software solutions to various government ministries, banks, multinational organizations, local industries and universities. In this venture, sBIT will be jointly be bidding in all the tenders on government purchases for various projects in Bangladesh. Recently, sBIT has partnered and signed an MoU with Start Computer Bangladesh, a leading IT training and solution provider to work jointly on any projects of mutual interests in Bangladesh and overseas. sBIT and Star Computer has formed a consortium with a number of private and public universities in Bangladesh to utilized university facilities and faculties for various project under Special Manpower Development Program (SMDP) in Hi-Tech. This avenue can be utilized for any government and multinational company projects to make it sustainable, cost effective, high quality and most efficient training and R&D facility.

2. Opportunities and Solutions

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2.1 Background on this opportunity

sBIT has been engaged with the ICT ministry in projects (partnered with Cadence) of which one of them is approved by the ministry and waiting for funding under G2G model to develop the Microchip VLSI capabilities in Bangladesh. sBIT and partner company Star Computer is working closely with ICT Ministry and HTPA to develop Special Manpower in various areas in Hi-Tech sectors. sBIT is aligned with vision of HTPA on establishing international standard infrastructure to create sustainable growth in ICT business, develop IT/ITES based Industrial ecosystem and developing well trained resources in ICT sectors in Bangladesh.

2.2 What government and Private entity?

- Ministry of Information and Communication Technology: <https://ictd.gov.bd/>
- Bangladesh Hi-Tech Park Authority: <http://bhtpa.gov.bd/>
- All Public and Private Universities in Bangladesh

2.3 Who are the players?

- The ICT Minister
- HTPA
- Controller of Certifying Authorities (CCA)”
- Governor of Bangladesh Bank
- Managing Directors of Banks, Food Industries and Mobile Phone Manufacturers

2.4 What exactly is the Area of Opportunity?

Bangladesh is a market of 160 million populations with about 100 million mobile phone penetration. Any solution using mobile phone will be ideal for them. The government has put together large budget to make the country as digital Bangladesh though all kind of IT services. The immediate opportunities are been identified in the following areas:

- Microchip VLSI Design
- Artificial Intelligence, Machine Learning and Data Science
- Internet of Thing (IoT)
- Cyber Security
- Robotics

2.4 What you are proposing as the solution for the opportunity?

Here are the Solutions that might be useful to the opportunities that we see in Bangladesh for now:

- Develop skilled Manpower in the area of opportunities in emerging technologies and 4IR (4th Industrial Revolution)
- Provide Industry Oriented Training in our proposed area of opportunities for short and long term

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- Make job ready Engineers with proficiency in English language and technical skills to compete in international job market
- Encourage and Mentor graduates to initiate startups in the domains

2.5 What we offer?

- sBIT and NRB (Non-Resident Bangladeshi) resources to execute Projects
- Work together with a common goal to develop the Hi-Tech industry ecosystem in Bangladesh
- Share knowledge and expertise

2.5 Our Clients

- **Neural Semiconductor, Bangladesh**
- **Elevate Semiconductor, USA**
- **Advanced Micro System (AMD), USA**
- **NXP Semiconductor, USA**

- **Bangladesh University of Engineering and Technology (BUET)**
- **Chittagong University of Engineering and Technology (CUET)**
- **Military Institute of Technology (MIST)**
- **American International University Bangladesh (AIUB)**
- **University of Dhaka (DU)**
- **United International University (UIU)**
- **International Islamic University Chittagong (IIUC)**
- **North South University (NSU)**
- **East West University (EWU)**
- **University of Science and Technology Chittagong (USTC)**
- **International University of Bangladesh (IUB)**
- **University of Asia of Pacific (UAP)**
- **Daffodil International University (DIU) - in-progress**
- **10 Public Universities VLSI : in-progress**
- **30 Polytechnics: in-progress**

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Contact @sBIT

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Founder's Bio



Biography: Jahangir Dewan, PhD (Deakin), MBA (Cornell)

Dr. Jahangir Dewan is the co-founder, President and CEO of sBIT Inc. and sBIT Ltd., an IT start-up company in Silicon Valley, USA. He is the co-founder of sBIT Inc (IT Company), inVision Design Systems (Semiconductor IP), ISKool (an eLearning Company) and ECHO (a Non-profit organization in Silicon Valley). He has initiated 200MW Solar Power Plant in Bangladesh in collaboration with a major US Solar Company. He has been working in high tech industry for the past 20+ years at various levels of Management and Engineering. He worked for start-ups that made successful IPO (ISS, NPTest, PortalPlayer and Pixim) and Merger and Acquisition (M&A). He has worked as Engineering manager in Motorola, Texas Instruments, NXP/Philips and AMD in the past. His research interests include Solar Electronics, VLSI IPs, eLearning, Content Security, Digital Right Management (DRM), Physical Design of Application Specific Integrated Circuits (ASIC) and Design Automation. Jahangir has been leading the strategic initiatives of the developing the Semiconductor and Software industries, university curriculums and Labs development in Very Large-Scale Integrated Circuit Design (VLSI) in collaboration with Cadence (a US leading Semiconductor Software Company) and development of Mobile eLearning platform in Bangladesh (through his co-founded start-up IsKool). Jahangir is the recipient of UNINESCO Fellowship to Canada and Australian CSIRO (Commonwealth Scientific and Industrial Research Organization) fellowship award. Jahangir's educations include BSEE (CUET, Bangladesh) and MSEE (Concordia, Canada) and MBA (Cornell, USA) and PhD in Information Technology (Deakin University, Australia). Dr. Dewan is currently the President of AABEA (American Association of Bangladeshi Engineers and Architects) CEC (Central Executive Committee) and Chairman of AABEA Board of Directors (BoD) .

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Payment Terms: Full in Advance, TT (wire transfer) in BDT or USD against our invoice.

For Payment in Bangladeshi Taka:

Account name: sBIT Ltd.

Account No: 0018-0210008525

Bank Name: Trust Bank Limited

Bank Address: RWGH Branch, Hotel Radisson Blue
Airport Road, Joar Sahara, Dhaka,
Bangladesh

Swift Code: TTBLBDDH018

For US \$ Payment:

Bank Account Information- Payments to be wired to:

sBIT Inc.

Bank of America

2611 N 1st St, San Jose, CA 95134

Beneficiary Account: sBIT Inc.

A/C No: 1262169634

Routing No: 121000358

SWIFT: BOFAUS3N