

# H. R. Shadhin

*Programming Is My Passion*

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*[hrshadhin.me](http://hrshadhin.me)*

*[github.com/hrshadhin](https://github.com/hrshadhin)*



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## PROFESSIONAL OBJECTIVE

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To build devices and applications that enable humans to do amazing things.

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## EDUCATION

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### **B.Sc in Computer Science & Engineering**

*Daffodil International University*

*August 2010 - May 2014*

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## EXPERIENCE

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4+ Years

### **Sr. Software Engineer**

*ST Solutions LLC - Flat:#6D,Plot:3/1,Lalmatia,Dhaka,Bangladesh*

*March 2018 - present*

*Develop customized software, manage small team and do DevOps jobs.*

### **Software Engineer**

*ST Solutions LLC - Flat:#6D,Plot:3/1,Lalmatia,Dhaka,Bangladesh*

*December 2016 - February 2018*

*Develop customized web applications using Python and PHP. Like POS, Inventory, CRM, HRM, MLM Software, Multi Layer Distribution Inventory Management and also manage servers.*

### **Sr. Software Developer**

*Repto IT - Mirpur DOHS,Dhaka,Bangladesh*

*June 2016 - November 2016*

*Build online course portal and inventory management application using PHP.*

### **Speed Nut(Define,Develop,Configure)**

*NutBoltu Ltd. - Hamayetpur,Dhaka,Bangladesh*

*October 2015 - November 2016*

*Make solutions using embedded computing devices(Arduino,Raspberry pi). Web based solutions develop and deploy using Django and Flask framework.*

### **Web Developer**

*LumexTech Solution Ltd. - Dhanmondi,Dhaka,Bangladesh*

*July 2014 - July 2015*

*Develop and deploy web application with PHP. Like CRM,Inventory,POS.*

### **System Admin**

*Freelancer*

*August 2015 - present*

*I setup and manage Linux servers. LAMP, LEMP, FTP, MAIL, DB servers, control panels and DevOps jobs.*

### **OPENERP(ODOO 8,9,10,11)**

*Freelancer*

*August 2015 - present*

*I have experience about OpenERP(Odoo 8,9,10,11) setup and maintain on VPS.*

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## SKILLS

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- **Services:** AWS, OpenShift, Google Cloud, IBM Cloud, Heroku.
- **Languages:** Bash, C, C++, Python, JavaScript, PHP, HTML, CSS.
- **Frameworks:** Django, Django REST, Flask, Symfony, Laravel, jQuery, Vue.js, AngularJS, Sails.js, QT, PyQT
- **Protocols:** FTP, HTTP, HTTP/2, HTTPS, IMAP, SMTP.
- **Datastores:** MySQL, PostgreSQL, SQLite, MongoDB.
- **Networking:** Configure LAN, Router, VPN.
- **Text Editor:** Nano, Vim, Atom.
- **IDE:** PyCharm, PhpStorm, WebStorm, QT creator, CodeBlocks.
- **Tools:** Git, Docker, Kubernetes, Vagrant, Jenkins, SymmetricDS, ElasticSearch.
- **OS:** Linux(Arch/Debian Based).

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## PROJECTS

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### 🕒 Smart Card Solutions

University management system using smart card(RFID Card). That helps to maintain students attendance, library, canteen and bus fare. This Project build with Django, Flask, C and mysql.

### 🕒 MoneyBag

[<https://github.com/pyprism/moneybag>] - This app helps to manage finance according to Chart Of Accounts. All data is encrypted before storing in DB. For Encryption its use AES-256.

### 🕒 Sales management

An inhouse project for a company to manage multi-layer sales(Company-Distributor-Retailer). This project is developed using django, postgresql and angularJS

### 🕒 School Management System

[<https://github.com/hrshadin/school-management-system>] - This project is developed using laravel php framework.

🕒 **MLM Management** - This project is developed using Django framework.

### 🕒 Conter(POS)

Conter is an inhouse POS application with chart of accounting. Customize and develop new features according to client needs.

### 🕒 Color Visualizer

A desktop base application to find the perfect colors for walls or virtually paint home and rooms. This project developed using python and PyQt framework.

### 🕒 Jitlam

Jitlam is an online e-commerce product search engine application build with django, django rest framework, postgresql, redis, django celery, docker.

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## VOLUNTEER WORK

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### FOSS Bangladesh

I am also a volunteer of FOSS Bangladesh. The aim at of this organization is increasing people and spread about to know what is open/free technology. By using it how can we benefited and How can we contribute it.

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## PERSONAL INTEREST

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Open Source Contributor  
GNU/LINUX Lover