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PROFESSIONAL OBJECTIVE

Highly skilled Senior Software Engineer with 6+ years of experience and demonstrated expertise in software development and server administration. A fast-paced learner and enthusiast of new technologies. Capable of working on a team with people at all levels as well as working independently. Core competencies:

Software Engineering	Web application development
Desktop application development	Embedded System(IoT) Application
Server Administration & DevOps	Object Oriented Analysis & Design

EDUCATION

Daffodil International University — BSc in CSE

August 2010 - May 2014 | **Result**: 3.18 out of 4.00

EXPERIENCE

Pathao — *Software Engineer II*   September 2019 - Present
- Develop highly scalable, secure & fault tolerance backend services.
- Deploy and monitor containerized microservice applications.

Freelance — *System Admin*   August 2016 - Present
- Deploy & monitor various applications & servers(LAMP, LEMP, DB, MAIL, ELK).
- Deploy applications on private & public cloud(AWS, GCP, Azure, Digital Ocean).

Genex Digital — *Sr. Software Engineer*   May 2019 - September 2019
- Managing difference servers(DB,MAIL,WEB) on AWS cloud.
- Do DevOps work for multiple teams.
- Migrating old project code base using latest technologies.

ST Solutions — *Sr. Software Engineer*   March 2018 - January 2019
- Investigated, designed, and implemented infrastructure migration from managed hosting server to AWS and DigitalOcean cloud.
- Manage a small team, architected & developed customized web-based applications.

ST Solutions — *Software Engineer*   December 2016 - February 2018
- Developed various types of desktop and web-based applications, REST API.
- Deploy applications on the Cpanel and DigitalOcean cloud.

Repto — *Sr. Software Developer*   **June 2016 - November 2016**
  - Developed online video course & inventory management systems.

NutBoltu Ltd. — *Software Engineer*   **October 2015 - November 2016**
  - Defined, configure, and deployed embedded and web-based applications.
  - Developed a web-based application using python(Django, Flask framework).
  - Make solutions using embedded computing devices(Arduino, Raspberry Pi) with python and c programming languages.

LumexTech Solutions Ltd. — *Web Developer*   **July 2014 - July 2015**
  - Developed a web-based application using PHP. Like CRM, Inventory, POS
  - Develop desktop applications using C++(Qt framework).

SKILLS

Languages & Scripts: Python, Golang, PHP, Bash, JavaScript, C, C++

Frameworks: Django, Django REST, Flask, Sanic, AIOHTTP, Symfony, Laravel, Lumen, Slim, jQuery, Vuejs, Qt, PyQT

Technologies & Services: Git, Docker, Kubernetes, gRPC, Celery, RabbitMQ, Jenkins, CI/CD, ElasticSearch, AWS, GCP

Database: MySQL, PostgreSQL, MongoDB, InfluxDB, Redis, SQLite

Editors/IDE: PyCharm, PhpStorm, VsCode, QT Creator, Vim

Collaboration: Slack, Trello, Jira, Asana, Hangouts, Telegram

PRODUCTS / PROJECTS

CloudSchool   **February 2016 - Present**

Open Source [https://github.com/hrshadhin/school-management-system]

It's a school/college management web application using php and laravel framework.

  - Designed & developed the whole application.
  - Giving continuous community support on GitHub.

Smart Card Solutions   **November 2017 - October 2018**

NutBoltu Ltd.

A complete solution for university automation. It helps to maintain students attendance, library, canteen, and bus fare using student Id card(RFID Card) in real time. Technologies used for this product are Mysql, Python(Django and flask framework), C programming language for embedded device operations.

  - Designed complete backend architecture.
  - Write a web module for communicating with low-level c binaries.
  - Build a C SDK to communicate with RFID card and reader for python wrapper.
  - Done research about to develop the whole system with the web interface and hardware assembling.