

# PRABIN KUMAR SHRESTHA

SOFTWARE DEVELOPMENT ENGINEER

[www.prabinkumarshrestha.com](http://www.prabinkumarshrestha.com)

## PERSONAL PROFILE

I am an energetic and ambitious person who has a strong desire to learn new things, with proven technical, organizational, and communication skills.

I am always keen to research, study, and learn new things to extend the volume and range of my professional experience, and eventually develop my knowledge and potential.

## CONTACT INFORMATION

+1 709 327 5002  
prabin2026@gmail.com  
28A Thorburn Street, St. John's, NL, Canada  
[linkedin.com/in/prabin-kumar-shrestha-76539a195](https://www.linkedin.com/in/prabin-kumar-shrestha-76539a195)

## SKILLS

### Programming

C# | .NET | Entity Framework | JavaScript | TypeScript | Angular, Angular Material | React | jQuery | Python | Pandas, NumPy | Flutter | HTML | CSS | C++ | CI-CD

### Database

SQL Server/MSSQL | PostgreSQL | MySQL | MongoDB | Redis Cache

### Cloud Services

Rackspace | Azure Services: Azure Queue, Azure Blob Storage, Azure Cache for Redis, Azure Functions, Azure DevOps

### Software

Visual Studio | VS Code | Jet Brains IDE | GIT/TFS | SSMS | Azure Data Studio | Jupyter | Robo 3T

### Leadership

- Founder and Leading a team of [Athrill Technology](#)  
- College Basketball Captain (2016-2019)

### Soft Skills

Good Communication | Problem Solving | Decision Making | Research | Analysis

## EDUCATION

### [Memorial University \(MUN\)](#), Canada

Master of Applied Science in Software Engineering | 09/2022-Present

- Currently studying
- Courses
  - Computer Software Fundamentals
  - Applied Algorithms

### [Thapathali Campus](#), [Tribhuvan University \(TU\)](#), Nepal

Bachelor in Electronics and Communication Engineering | 11/2015-08/2019 | Score: 72.91%

- Among Top 5 students
- Courses
  - Computer Programming (C), Object-Oriented Programming (C++), Microprocessor
  - Computer Organization and Architecture, Computer Graphics, Computer Network, Discrete Structure
  - Artificial Intelligence, Big Data Technologies, Data Mining
  - Mathematics: Calculus, Linear Algebra, Probability & Statistics
- Capstone Projects
  - [IOT based Smart Mirror](#) (Python, NumPy, Open CV - Face recognition, Web Application - PHP, JS, Raspberry Pi)
  - [Alcohol Detector with Vehicle Controlling and GPS Detection](#) (C, WinAVR, GPS, GSM, ATmega32, Alcohol Sensor, Motor Driver)

### [St. Xavier's College](#), Nepal

Higher Secondary Education Board (HSEB) | 07/2013 - 08/2015

## EMPLOYMENT HISTORY

### Software Development Engineer (SDE)

[Dolphin Dive Technology Pvt. Ltd.](#) | 09/2019 - 08/2022

- Projects
  - Workflow Management System - [Pension Pro](#), Harrisburg, PA, USA
- Responsibility
  - Redeveloped windows desktop application in web platform using .NET and Angular in a team
  - Helped new developers about the underlying business specific knowledge, project structure, development and debugging
  - Integrated Redis and different Azure services to handle big data and maintain performance
  - Resolved more than 200 production bugs along with research and development of new features
  - Database management including design, create, modify, and optimize using SQL Server

### Software Developer - Freelance

[Riham of Information Technology](#) | 04/2020 - 08/2022

- Projects
  - Twitter Analytic Service | Dating App Services
- Responsibility
  - Wrote optimized code to process a large number of data in .NET and profiled the performance in Azure Data Studio
  - Developed services for live chat using .NET, SignalR, and Firebase

### Web Developer

[Nectar Digit Pvt. Ltd.](#) | 11/2018 - 07/2019

- Projects
  - E-commerce websites | [Job Portal - CCS Nepal](#)
- Responsibility
  - Design, plan and develop the web application according to the business requirements with constant communication with client
  - Helped fellow developers, and tutored basic programming to interns

## CERTIFICATES

### [Introduction to Data Science in Python](#)

Coursera - University of Michigan

### [Python for Data Science, AI & Development](#)

Coursera - IBM

### [Python Project for Data Science](#)

Coursera - IBM

### [The Data Scientist's Toolbox](#)

Coursera - Johns Hopkins University

## EXTRA ACTIVITIES

- Volunteer Tech Gyan 2.0 event in the college
- Judge of Information Communication Technology (ICT) Fair held at Lalitpur Secondary Boarding School (LMV)
- Co-Ordinator of several major basketball tournaments
- Captain of a College Basketball Team (2016-2019) - Thapathali Campus, and led the team for Several Runner Up awards
- Won Top Scorer Award in a basketball tournament
- Volunteered as an Official in intra-college tournament
- Volunteered Coaching Girl Basketball Team of Thapathali Campus
- Patrol Leader of one of the junior Scout Team in school at age 13, and volunteered in managing the mass in Krishna Janma Astami - a big festival in Patan Durbar Square, Nepal

## LEADERSHIP

### ATHRILL TECHNOLOGY

Founder, Leader | 12/2019 - Present

- Founded a team (Athrill Technology) at the end of 2019 to teach programming to interested people, develop skills among the team, and work on innovative ideas
- Led the team of a web designer, software developers, and quality control testers
- Tutored software development to more than 5 new developers from scratch to real-world projects
- Discussed different innovative ideas within a team and related professional people, and possibilities to implement them
- Designed and planned development of the softwares, and divided the tasks among the team to work on SCRUM process
- Technology: C#, .NET, MSSQL, Angular (with Angular Material), React, Flutter, Android, Java, Azure Devops, CI-CD
- Projects: Athrill Technology Website | Learn Nepal | Inventory System | Athrill Gyan | Mangal Production

## PROJECTS

### Pension Pro

Workflow Management System in the USA - researched and developed new features, production bugs fix, assisted juniors - .NET, Angular, Azure Services, Redis, MSSQL, jQuery

### Learn Nepal

Learning Platform by own team Athrill Technology based on Nepal which is under development - led a team for whole process: planning, design, database, backend, and frontend - NET WEB API, MSSQL, Javascript, Typescript, Angular, Angular Material, Flutter, Dart, Figma, Azure Devops, CI-CD, HTML, SCSS

### CCS Nepal - Job Portal

Multi-vendor Job Portal based on Nepal - completed whole application alone - PHP, Code Igniter, MySQL, JavaScript, jQuery, AJAX, HTML, CSS

### Capital Nepal - News Portal

Popular News Portal of Nepal - supported colleague developer in the software development - PHP, Code Igniter, MySQL, JavaScript, jQuery, AJAX, HTML, CSS

### Website of Athrill Technology

A fully dynamic responsive website of my team "Athrill Technology" - designed, planned and distributed the tasks among the team to work on SCRUM process - C#, .NET Core WEB API, Javascript, Typescript, Angular (Angular Universal Integrated), MSSQL, HTML, SCSS

### Inventory Management System

Mobile application to manage the personal transactions (along with data visualization) and card informations (with QR Code) - Designed, Planned and developed the software - Flutter, BLOC Architecture, .NET - WEB API, MSSQL

### Flutter Chat Application

A demo mobile application to demonstrate chat features using SignalR - Flutter, BLOC Architecture, SignalR

### .NET Web API and Angular Demo Project

A demo project to show the design pattern of .NET and Angular (synced with each other) - C#, .NET, Entity Framework, MSSQL, Angular

[More Projects](#)