

# Piyush Rao

## Full-Stack .NET Developer

### Certification

#### Amazon Certified AWS Associate Developer

### Personal Info

#### Address

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#### [GitHub Profile](#)

#### [LinkedIn Profile](#)

#### [Portfolio Website](#)

### Technical Skills

C#, Java, Python, MVC, MVVM, MVW, SOA, HTML5, CSS3, Angular(4.0/2.0/1.5), JavaScript, TypeScript, AJAX, JQuery, JSON, Bootstrap 3, WordPress, ADO.NET Entity Framework, ADO.NET, LINQ to SQL, ASP.NET MVC 5.0, WCF, WEB-API 2.0, RESTful, AWS, Azure, SQL Server, MySQL, Postgres, MS-Access, MongoDB, DynamoDB, N-Unit, MS-test, MS Office, JIRA, Plotly, Git, TFS

### Education

#### MS in Computer Engineering

*Stevens Institute of Technology*

**Date Earned:** December 2017

**GPA:** 3.7

**Graduate Certificates:** Software

Design for Embedded & Info Systems, Real-time & Embedded Systems

#### BE in Electronics Engineering

*Mumbai University*

**Date Earned:** August 2016

### Experience

#### Full Stack .NET Programmer

Jan 2018- present

*Marlabs, Inc., Piscataway, NJ*

The project is web-based Patient Management System for a multi-facility hospital and its sister companies. The project incorporated efficient patient care by maintain a uniform platform and constant monitoring along with lab tests, patient on-boarding, doctor and bed allocation.

- Developed the project using ASP.NET MVC 5.0 and created services using WEB API 2.0, configured its security, and performed CRUD operations.
- Implemented the data access layer using ADO.NET Entity Framework 6.0.
- Used SQL Server 2014 for database, debugged and implemented views, triggers, and stored procedures.
- Used majorly Angular 4.0 for front-end development along with JavaScript, HTML5, CSS3, jQuery.
- Incorporated AWS as cloud service and assisted in migrating database.

#### Software Developer

June 2015- July 2016

*Torry Harris Business Solutions, India*

This project served as a backbone for other services associated to the company's sales sector. Worked on fetching the complete data from the database and populating it with new entries of products manufactured by Schneider Electric.

- Developed the project using ASP.NET MVC 5.0 and integrated with SQL Server database using ADO.NET Entity Framework.
- Wrote unit tests for the controller using N-Unit Test.
- Used HTML, CSS, and JavaScript to design the views of the application.

### Academic Projects

#### E-Library ([Link](#))

Jan 2017- May 2017

*Stevens Institute of Technology, NJ*

E-Library is an online service which helps you to login into your account and add, remove, edit books in your shopping cart. Books were sorted according to their genre.

- Service was developed using ASP.NET Web API and integrated with SQL database using ADO.NET Entity Framework Code-First Approach.
- Used Angular 1.5, HTML5, CSS3, and JavaScript ES6 features to design the views of the application.

#### Employee Service ([Link](#))

Aug 2017- Dec 2017

*Stevens Institute of Technology, NJ*

Employee service is a simple Web API in which CRUD operations can be performed.

- Developed service using Web API 2.0, consumed it using MVC 5.0.
- Integrated API with SQL Server using Entity Framework Database first approach.
- Used external libraries like Alertify and Font Awesome for improving Front-end.

#### Chocolate Vending Application ([Link](#))

Aug 2013- Dec 2013

*Mumbai University, MH, India*

- This was a crash-proof console application developed using C#.
- Consisted of a shopping cart with numerous chocolates to choose from, and 4 discount coupons were issued to alter the final cost.

### Achievements and Co-Curricular Activities

- Student member of IEEE, CSI (Computer Society of India), and E-Cell.
- Publicity head of IEEE DMCE (2014-2015)
- 1<sup>st</sup> in IEEE Project Presentation and Technical Debate (featured in IEEE Communique magazine)
- Volunteer for NGOs namely "Urmi Foundation" and Forest Society of India