

# Rajashree Pethkar

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## Education

### Portland State University

Master's in computer science, GPA: 3.61

**Coursework:** Artificial Intelligence, Machine learning, Virtual reality, Algorithms design and analysis, Internet, Web and Cloud, Natural Language Processing, Web development.

Winter 2022 – Spring 2023

Portland, Oregon

### Rajarambapu Institute of Technology

Bachelor of Engineering in Information Technology, GPA: 3.9

**Coursework:** Object oriented programming, Data structures, Operating systems.

Aug 2009 – May 2013

Maharashtra, India

## Skills

**Programming languages:** C#, Python, HTML, CSS, jQuery, JavaScript, SQL

**Developer Tools:** Visual Studio, VS Code, PyCharm, Unity

**Technologies/Frameworks:** Asp.net, MVC, Web API, Entity framework, Bootstrap, AngularJs, Docker, Kubernetes

**Databases:** SQL server, Cosmos DB

**Version-Control Build Tools:** Azure DevOps, Git, TFS

**Cloud:** AWS, Google cloud, Azure

**Operating Systems:** Windows, Linux, macOS

## Experience

### Tata Communications

Senior Team Lead

- Developed tools to reduce efforts for manual tasks using C#, .net framework, Azure DevOps, SQL, Web API's
- Automated manual tasks which **increased efficiency from 4 tasks a day to 1000 tasks a day**.

Apr 2021 – Nov 2021

Pune, India

### Pethkar Systems LLP

Project Manager

- Developed and designed an architecture of web applications using C#, .net, Web API, MVC, LINQ, Entity framework, SQL, HTML, CSS, Kendo UI, JavaScript, jQuery and created reports using Telerik reporting tool.
- Developed Azure functions, Web jobs and stored procedures to automate manual tasks and deployed applications on IIS and Azure.

Apr 2016 – Nov 2020

Pune, India

### Persistent Systems, Ltd

Senior Software Engineer

- Developed client-based web applications using C#, .net framework, HTML, CSS, JavaScript, jQuery, Bootstrap, Telerik reporting tool, SQL server.
- Optimized and resolved bugs** from an existing application.

Oct 2013 – Apr 2016

Pune, India

## Projects

- Chess** | Python, Pygame | Winter 2022
  - Developed chess using Min-Max algorithm.
- DeepMusic** using Deep Neural Network | Python, Pygame, Tensorflow | Spring 2022
  - Generated music using LSTM and GAN neural networks.
- Synthehol:** Music Synthesizer | Python, SoundDevice, Mido | Spring 2022
  - Created a music synthesizer by adding drunk like effects using frequency modulation.

## Achievements

Awarded **XtraMile, Bravo and Hi5 Certificates of Excellence** at Tata Communications for Solution Orientation, Responsiveness and Agility, Focus on Execution and Customer Centricity.