

# Rajat Gedam

[rajatgedam20@gmail.com](mailto:rajatgedam20@gmail.com) | (774) 526-1933 | [linkedin.com/in/rajatgedam20](https://www.linkedin.com/in/rajatgedam20) | [Website](#) | [GitHub](#)

---

## EXPERIENCE

**Deloitte, Gilbert, AZ**

**Apr 2024 – Present**

**Software Engineer (React JS, C# .NET, EF Core, Postgres, AWS)**

- Engineered a web application to digitize facility license applications, accelerating processing time from 10 months to just 6-8 weeks, improving operational efficiency and service delivery.
- Enhanced reliability by analyzing and configuring API exception handling with efficient logging and **Datadog**.
- Improved code quality by writing clean, reusable, best practice code along with unit testing, integration, and end-to-end testing to achieve 91% accuracy. Conducted bi-weekly PR code reviews and demos ensuring industry adherent code.
- Architected a high-performance file upload solution using S3 Transfer Utility and multithreading, reducing file upload/download time from 6 minutes to under 45 seconds, enhancing user efficiency and system scalability.
- Developed and optimized 200+ unit tests, achieving 95% code coverage, enhancing code reliability and reducing defect leakage by 40%.

**University of Massachusetts, New Bedford, MA**

**Jul 2022 – Mar 2024**

**Software Engineer (React JS, C# .NET, SQL)**

- Architected a Turbo Tax like web form using C# .NET stack, SQL and React JS to streamline degree tracking process for students, eliminating staff workload for data entry by 35+%.
- Automated advisor approval processes and generated SQL based BI reports, enhanced application functionality and efficiency by 25%, saving 4+ hours per week in admin work. Utilized Entity Framework for constructing the database.

**Yardi Systems, Pune, India**

**Aug 2018 – Aug 2021**

**Software Engineer Full Stack (Angular, C# .NET, MySQL)**

- Automated data migration from legacy code using C# .NET module, saving 40+ hours per month in manual work.
- Refactored SaaS Cloud API in C# .NET, achieving 80% code reuse and reducing average latency from 50ms to 37.5ms with the Azure DevOps – Continuous Integration / Continuous Deployment (CI/CD) pipeline and version control.
- Collaborated with a global **AGILE** cross-functional team in USA and UK for daily **Scrum**, backlog refinement, sprint planning, in 60+ sprints and deployments, mentored a team of 10 interns.
- Executed precise documentation in **Confluence** for 26+ engineers and testers in cross-functional team modules, tracked tasks using **JIRA** for efficient management. Estimated project development activities, optimizing resources and project timeline, meeting 95% deadlines consistently.

---

## SKILLS

- Languages:** C#, C/C++, Java, Python, JavaScript, HTML, CSS, TypeScript, SQL.
- Infrastructure and Cloud:** Azure, AWS, TeamCity, Kibana, Docker, Kubernetes, GitHub.
- Databases:** MySQL, PostgreSQL, NoSQL, MongoDB, Cassandra.
- Frameworks/Tools:** Angular, React, .NET Framework 6+, Entity Framework (EF Core), ASP.Net, Web API, Postman.

---

## PROJECTS

**ML Cancer Diagnosis Microservices** | Flask, Microservices, Design Patterns, System Design

**Jan 2023 – Aug 2023**

- Implemented 3 scalable Microservices, demonstrated exceptional object-oriented design (OOP) skills, promoting code re-usability by 70%. Implemented SVM and Light GBM algorithms to predict cancer with an accuracy of 94%.
- Architected a machine learning microservice with Strategy pattern and Data Preparation service using Decorator pattern. Enhanced deployment efficiency by 30%, through Docker containerization and Git version control.

**Enterprise Cloud Systems** | AWS S3, EC2, Lambda, Kinesis, Glue, Athena

**Jan 2023 – Apr 2023**

- IOT Real time data analytics ETL pipeline: Extracted time series data from 10+ IoT devices using AWS IoT Core, Kinesis Data Firehose, S3, AWS Lambda, Cognito, and CloudFront. Used IaC based EC2, CloudFormation to deploy the stack.
- AI-Powered Health Data Masking service: Deployed protected medical information data extraction and identification (PHId) service using Amazon **API Gateway**, **AWS Lambda** and Amazon Re(k)cognition.

---

## EDUCATION

**University of Massachusetts**

**Sep 2021 - Aug 2023**

Master of Science, Computer Science

GPA: 3.77/4

**Pune Institute of Computer Technology**

**Aug 2014 - Jul 2018**

Bachelor of Engineering, Computer Engineering

GPA: 3.6/4