**Soham Ghormade**

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**SKILLS**

**Programming Languages**: Proficient : C#, C++ Familiar :Python, C

**Cloud** : AWS RDS, Secret Manager, ECR **Operating Systems** :Familiar :Linux, macOS

**Databases**: MS SQL, MySQL, Postgres, GraphQL **Web Technologies:** JavaScript, TypeScript

**Build systems:** Familiar : Jenkins, TFS, TeamCity **Concepts:** OOP, Unit testing, SOLID

**EDUCATION**

**Master of Science in Computer Science(Part-Time) Graduation Date:** Aug 2022

Georgia Institute of Technology, Atlanta, GA Overall GPA:4.00/4.00

**Relevant coursework:**

Grad Intro to OS, Software Development Process, Computer Networks, Human Computer Interaction, Artificial Intelligence, Machine Learning, Computer Vision

**Master of Science in Mechanical Engineering** Dec 2014

Stony Brook University, Stony Brook, NY Overall GPA:3.73/4.00

**Bachelor of Engineering in Mechanical Engineering** May 2013

University of Mumbai, Mumbai, India Percentage: 75 %( First Class)

**EXPERIENCE**

**Software Engineer, Coupa Software, Pittsburgh, PA** Nov 2021- present

* Standard Score Service:
	+ Feature owner: Leading work for creating REST API based service which stores financial scores. This service is expected to serve as a central repository for financial scores internally
	+ Created system and architecture diagrams to communicate the design internally
	+ CI: setup build pipeline to build, run tests and push image to ECR.
	+ Individual Contributor:implemented endpoint to fetch score.
* Data Migration:
	+ Implemented autofill functionality of configuration data during migration from staging to production. This automation saved 75% time which was required earlier to configure the setup for migration .
* Hiring:
	+ interview candidates for senior and junior roles in our team.

**Software Developer II , Result Visualization, Ansys Inc., Pittsburgh, PA** Jul 2015- Oct 2021

* Extended voxel based infrastructure for visualization of beams and shells
* Reduced graphics memory footprint by 66% by identifying and removing interior faces for beams.
* Quickly triaged bugs to different teams, when relevant, and triage build issues to avoid work stoppage.
* Evangelized unit testing and TDD within the team, leading by example
* Swapped out legacy component with next generation component while minimizing regression impact.
* This action sped up load of input data and allowed for extensibility with downstream components
* Applied clean architecture and SOLID principles especially dependency inversion principle.
* Recruit and mentor interns and double feature delivery output by distributing load

**PROJECTS**

**OMSCentral, open source contributor** May 2021 - Aug 2021

* Add support to allow users to sort and filter course reviews by difficulty.