

# Soham Ghormade

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## SKILLS

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

**Cloud :** AWS RDS, Secret Manager, ECR

**Databases:** MS SQL, MySQL, Postgres, GraphQL

**Build systems:** Familiar : Jenkins, TFS, TeamCity

**Operating Systems :**Familiar :Linux, macOS

**Web Technologies:** JavaScript, TypeScript

**Concepts:** OOP, Unit testing, SOLID

## EDUCATION

**Master of Science in Computer Science(Part-Time)**

Georgia Institute of Technology, Atlanta, GA

**Graduation Date:** Aug 2022

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**

Stony Brook University, Stony Brook, NY

Dec 2014

Overall GPA:3.73/4.00

**Bachelor of Engineering in Mechanical Engineering**

University of Mumbai, Mumbai, India

May 2013

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.