

# Srishti Sachan

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## Education

**Army Institute Of Technology, Pune,**  
*B.E(Computer Engineering) (C.G.P.A - 9.32)*  
07/2016 – 06/2020

**Army Public School,Lucknow,**  
*Intermediate(PCM with Computer Science)(95%)*  
04/2014 – 05/2015

## Professional Experience

**British Petroleum, Software Engineer**  
04/2023 – Present | Bangalore, India

- Designed, developed, and maintained features for the SIFT application.
- Written optimized algorithms to improve the performance of the SIFT application, identified bugs in the software and refactored the code to make it more efficient and optimized.
- The tools and technologies used in the project were .NET, ReactJS, SQL, Python, and Azure DevOps.

**Amazon, Software Development Engineer-1**  
11/2021 – 11/2022 | Bangalore, India

- Designed and developed features including a real-time budget consumption notification service and multiple APIs for advertisers to access daily click-level advertisement data.
- Took the initiative to reduce SAS risks and contributed to the cost optimization of several AWS resources.
- The project utilized AWS services (ECS, Lambda, DynamoDB, etc.) along with Java as the programming language to deliver efficient and effective solutions.

**Schlumberger, Software Engineer**  
09/2020 – 10/2021 | Pune, India

- Designed and developed user administration features to manage user access for the GAC application.
- Used Angular, Java, and SQL as the tools and technologies for the project.

## Skills

### Languages

Java, C++ & Python

### Databases

DynamoDB, MySQL & MongoDB

### Cloud Services

AWS & Azure

### Editors and Tools

IntelliJ, VsCode, Sublime, Git, Azure DevOps & Atom

## Projects

### TinyURL

A URL shortener is a simple tool that takes a long URL and turns it into a simple and short URL. Implemented using NodeJS, MongoDB(Database), and used Jmeter for Load testing.

### EASY TO LEARN

The Objective of this project is to provide an online learning platform that offers various courses and learning resources. Used Flask , mongoDB and various front-end technologies to implement this project.

### Dictionary

Utilized Trie data structure for finding the meaning of input string and also suggest words based on certain prefixes. Implemented using C++.

## Courses

**Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Angular**

## PROFILE LINKS

**Leetcode** 🔗 - \_White\_Rabbit\_

**Geeksforgeeks** 🔗 - srishti\_sachan

**GitHub** 🔗 - Gutsy-Buster

**Codeforces** 🔗 - Gutsy\_Buster (Specialist(1420))

**Hackerrank** 🔗 - Gusty\_Buster(5 stars at PS)

## ACHIEVEMENTS AND ROLES

- Secured 1st Runner Up position at Rajkot Smart City Hackathon.
- Received Bhadve, Tata Merit, and AWES Scholarships for academic excellence.
- Awarded the Excellence Award in 2017 for achieving a C.G.P.A of 9.8/10 in the first year.
- Presented a seminar on Optimising Phylogenetic Queries for Performance.
- Organized intra-college music competitions as the Secretary of the Music Club.
- Won Silhouettes 2017 and the inter-branch choreography competition in 2017 and 2018 for dance performances.
- Served as the Cultural Coordinator for the Computer Department in 2018.
- Worked as a Placement Representative in the College PR team.
- Participated in Ideathon conducted by Schlumberger and won the Best Innovative Idea Award.
- Won an internal Hackathon conducted by Amazon.