

SRISHTI SACHAN

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EDUCATION

Bachelor of Engineering in Computer Engineering, Army Institute of Technology, Pune, Maharashtra

CGPA: 9.32

Jun 2016 - Jul 2020

Intermediate, Army Public School, Lucknow, Uttar Pradesh, India

Percentage: 95%

Apr 2013 - Mar 2015

PROJECTS

Title: Automated teller machine (ATM), Army Institute of Technology, Pune

Oct 2019 - Oct 2019

Team size: 1

Role: Developer

The objective of this project was to design and develop an ATM system that met the requirements of dispensing cash, accepting deposits, checking account balances, and transferring funds. The system was secure and protected user data. It was also efficient and user-friendly. The tools and techniques used in the project were object-oriented programming, Java, and design patterns.

Title: Splitwise, Army Institute of Technology, Pune

Apr 2018 - Apr 2018

Team size: 1

Role: Developer

The objective of this project was to design and develop a low-level Splitwise system that would allow users to track expenses and debts, split them equally, by percentage, or by custom amount, simplify debts, and generate reports. The system would help people avoid conflicts by keeping track of their expenses. The tools and technologies used in the project were object-oriented programming, C++ programming language, and design patterns.

Title: Dictionary, Army Institute of Technology, Pune

Jul 2017 - Jul 2017

Team size: 1

Role: Developer

The objective of this project was to develop a dictionary that uses a Trie data structure to store and search words efficiently, even if they are misspelled. The project can handle words of any length and can be used in spell checkers, text editors, and search engines. This project demonstrates the knowledge of data structures and algorithms, object-oriented programming, and the C++ programming language.

PROFESSIONAL EXPERIENCE

Software Engineer, British Petroleum, Pune, India

Apr 2023 - Present

- I work as a Software Engineer on the Standard Investment Forecast Tool (SIFT) team.
- Designed, developed, and maintained features for the SIFT application.
- Migrated a legacy application to a newer version of React, adhering to best practices and standards, and developed a new UI for every page of the application.
- Increased the test coverage of the application by 30%.
- Wrote 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.

Software Development Engineer 1, Amazon, Bangalore, India

Nov 2021 - Nov 2022

- Worked as a Software Engineer on the Budgeting team in the Performance Advance Core Engine organization.
- 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.
- Successfully scaled up services to handle Amazon Prime Day traffic for multiple regions.
- Won the Amazon internal Hackathon for designing and developing a generic reconciler.
- 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, Pune, India

Sep 2020 - Oct 2021

- Worked as a Software Engineer on the Global Activity Capture (GAC) team.
- 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.
- Participated in the Ideathon conducted by Schlumberger and won the Best Innovative Idea Award.

TECHNICAL SKILLS

- **Programming Languages:**
 - C/C++ (Advanced)
 - Java (Proficient) - PluralSight certification (Oct 2021 - Oct 2021)
 - .NET (Proficient) - British Petroleum internal courses and training. (Apr 2023-May 2023)
 - Python (Proficient) - Coursera Python certification (Oct 2023 - Nov 2023)
- **Web Development:**
 - HTML/CSS (Proficient)
 - ReactJS (Proficient) - British Petroleum internal courses and training. (Apr 2023-May 2023)
 - Angular (Intermediate) - Schlumberger internal courses and training. (Sep 2020 - Oct 2022)
- **Cloud Services:**
 - AWS (Proficient) - Amazon internal courses and training. (Nov 2021 - Nov 2021)
 - Azure (Proficient) - British Petroleum internal courses and training. (Apr 2023-May 2023)
- **Databases:**
 - SQL (Advanced)
 - DynamoDB (Proficient)
 - MongoDB (Intermediate)
- **Editors and Tools:** IntelliJ, Sublime, Notepad++, Azure DevOps, Visual Studio, and Visual Studio Code.

CODING PROFILE LINKS

- **Leetcode** - [White Rabbit](#)
- **Geeksforgeeks** - [srishti_sachan](#)
- **Codeforces** - [Gutsy Buster](#) (Specialist(1420))
- **Hackerrank** - [Gusty Buster](#) (5 stars at PS)
- **Github** - [white-rabbit10](#)

ACHIEVEMENTS

- Secured 1st Runner-Up position at Rajkot Smart City Hackathon.
- Academic Appreciation Certification awarded by the Education Minister of India.
- Received Tata Merit, AWES, and Bhadve Scholarships for academic excellence.
- Won Silhouettes 2017 held at AFMC and the inter-branch choreography competition in 2017 and 2018 for dance performances within the Army Institute of Technology.

LEADERSHIP ROLES

- Organized intra-college music competitions as the Secretary of the Music Club.
- Worked as a Placement Representative(PR) in the College PR team.
- Served as the Cultural Coordinator for the Computer Engineering Department in 2018.