

# Shubham Sawant

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*"You only live as long as the last person to remember you."*

## Summary

- Computer Science Professional involved in Algorithms, Distributed Systems, System Software, Web Applications & Machine Learning.
- B.Tech Information Technology graduate with more than 3 years of full-time experience as Software Design, Development Engineer.
- Passionate about programming & delivering well-designed, correct, clean, test-covered & scalable software solutions.
- Working at Bloomberg Lp as Senior Software Engineer for developing Trading Software using Modern C++.
- Worked at Cohesity, A Data Management Company as Backend Engineer for developing Distributed System Software using Modern C++.
- Worked at Media.Net, An AdTech Company as Software Engineer for developing Fullstack Web & Desktop applications for search monetisation.
- Seeks to Learn and Tries to Apply all of it in a way that Makes Life Easier. Involved in Bringing Things to Life with The Power of Code.

## Work Experience

### Bloomberg Lp | A Financial Services Company

Frankfurt am Main, Germany

SENIOR SOFTWARE ENGINEER

Fulltime | Aug. 2021 - Present

- [Aug. 2021 - Present] Team: Exchange Trading Connectivity - Europe
  - Developing Exchange Trading Connectivity Software Solutions using C++, Python & FIX.

### Cohesity | A Data Management Company

Pune, India | Remote

MEMBER OF TECHNICAL STAFF - 3

Fulltime | Feb. 2020 - Jul. 2021

- [Feb. 2020 - Jul. 2021] Data Protect (Virtualization)
  - Developed Distributed Data Protection System Software using Modern C++, Protobufs, RPC.
  - Created Software System Design documents from Product Requirement documents.
  - Planned & Executed of End-to-End feature development using Agile Sprint Methodology.
  - Involved in highly Robust, Distributed, Crash-consistent, Asynchronous, Multi-threaded C++ software development.
  - Responsibilities included Designing, Developing & Optimizing Backup & Recovery solutions. Debugging & Resolving Customer Escalations.
  - Differential Restore of VMware VMs: Designed, developed & integrated the feature, resulting in reduced amount of data transfer for VM recovery.
  - Application Consistent Backup of Acropolis AHV VMs using Nutanix Guest Tools: Designed, developed & integrated reducing backup stun issues.
  - Data Protect Source Connectivity Verification: Designed, developed & integrated a new data protect source connectivity verification feature.
  - Netapp Storage Snapshot Management: Designed and developed new backup solution for Netapp Storage Array Snapshots Management.

### Media.Net | An AdTech Company of Directi Group

Mumbai, India

SOFTWARE DEVELOPMENT ENGINEER

Fulltime | Jul. 2018 - Feb. 2020

- [Aug. 2019 - Feb. 2020] VPN & Proxy Service
  - Configured & deployed Proxy & VPN servers. Developed & distributed Chrome & Firefox proxy browser extensions
  - Developed & deployed multi-threaded, UDP sockets based DNS server using C++.
- [Sept. 18 - Aug. 19] Applications Distribution Platform
  - Developed templated code for full stack Web & Desktop applications. Automated application build & monitoring processes.
  - Performed extensive research, analysis for POC creation of novel solutions to business requirements.
  - Developed MacOS (Safari App Extension) app for search monetisation using Swift with installer & auto-updater features from scratch.
  - Developed node-js module to restructure & rename source directory.
- [Jul. 2018 - Sept. 2018] Email Marketing Platform
  - Developed feature to use RSS feed for email creative creation.

## Education

### B.Tech Information Technology

Sangli, India

WALCHAND COLLEGE OF ENGINEERING, SANGLI (SHIVAJI UNIVERSITY, KOLHAPUR)

Jul. 2014 - May. 2018

- CGPA: 7.59 / 10 | TCS Best Outgoing Student Awardee 2018
- Major Courses: Data Structures | Algorithms | Operating Systems | UNIX OS | Database Systems | Computer Networks | Parallel Computing
- Elective Courses: Data Analytics | Machine Learning | Artificial Intelligence | Cloud Computing
- Activities: Personality Advancement Circle of Engineers | Lab Admin Committee, Dept of IT | Coordinator, Industry Interaction Cell

## Skills

Proficient:

C++   C   Python   NodeJs   JavaScript   UNIX   gRPC   HTTP   REST   JSON   XML   SQL   MySQL   GIT   Docker

Limited Proficiency:

Golang   Swift   JAVA   SOAP   MongoDB   HTML   CSS

## Personal Attributes

Curious | Initiative | Quick Learner | Problem Solver | Reasoning Ability | Adaptable | Sense of Responsibility | Power of Expression