

Shubham Sawant

Wiener. Str. 67, 60599, Frankfurt am Main, Hessen, Germany

☎ (+91) 9881-464-434 | ✉ sawantshubham571@gmail.com | 🏠 moghya.me | 📷 moghya | 📱 moghya | 📧 moghya | 🐦 moghya

"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

Courses

Coursera MOOCs - Stanford University

MACHINE LEARNING

- Completed all coding assignments and exercises of course.

Remote

Mar. 2017 - Jul. 2017

Udemy MOOCs - Jose Portilla

PYTHON FOR DATA SCIENCE AND MACHINE LEARNING

- Completed all coding assignments and exercises of course.

Remote

Mar. 2017 - May. 2017

Honors & Awards

- 2018 **Best Outgoing Student Award**, Tata Consultancy Services
- 2016 **Winner**, Bleed Code coding contest on Hackerearth
- 2012 **State Level Award - Rajya Puraskar**, Bharat Scouts and Guides, NVS

Pune, India

Sangli, India

Pune, India

Volunteer

Chief Skills Developer

PERSONALITY ADVANCEMENT CIRCLE OF ENGINEERS, WCE

- Led a team of 10 Assistant Skill Developers for a club of 75+ members.
- Conceptualized and organized weekly meet-ups of club members.

Sangli, India

Jan. 2017 - Dec. 2018

Lab Admin

DEPARTMENT OF INFORMATION TECHNOLOGY, WCE

- Led a team of 8+ Associate Lab Admins to maintain systems in Department Lab.

Sangli, India

Jan. 2017 - Dec. 2018

Coordinator

INDUSTRY INTERACTION CELL, WCE

- Undertook responsibility of communicating with industry personnel for organising campus recruitment drives.
- Organised more than 50+ campus recruitment drives.

Sangli, India

Jan. 2017 - Dec. 2018

Bharat Scouts and Guides, JNV

SCOUT TROOP LEADER

- Led a troop of 60+ scouts for scouting activities. Organized camps, awareness rallies and cleaning drives.

Washim, India

Apr. 2009 - Mar. 2010

Personal Projects

Cheat Bot using Deep Learning

PYTHON, KERAS, CONVOLUTIONAL NEURAL NETWORKS, OPTICAL CHARACTER RECOGNITION

- Reverse engineered an android betting game. Trained CNN model with 98.79% accuracy to solve mathematical puzzles in it.

India

Jun. 2018

dsalglib

C++, DATA STRUCTURES, ALGORITHMS, TEMPLATES, OOPS

- Designed and created a C++ template library of 10+ common data structures & algorithms.
- Implemented containers and algorithms in the library as object-oriented templates.

India

Apr. 2017

Image Style Transfer using Deep Learning

PYTHON, TENSORFLOW, CONVOLUTIONAL NEURAL NETWORKS, TRANSFER LEARNING

- Designed and engineered a Deep Learning model to transfer the style of one image onto another image.

India

May. 2018

Strategic Location

PYTHON, LINEAR REGRESSION, FACEBOOK GRAPH API

- Applied Machine Learning techniques & built a model to predict Facebook Check-ins at a desired location for business.

India

Dec. 2016

Prowess Index

PYTHON, FLASK, DATA ANALYTICS

- Applied Data Analytics to measure attainment of skills by a student. Deployed flask application for the proposed methodology.

India

Jul. 2017

JNV Washim Alumni Portal

PHP, MySQL, JAVASCRIPT, HTTP

- Developed and deployed Alumni Portal for connecting alumni base with existing students of JNV, Washim. Got 500+ registrations.

India

Jan. 2016