Shubham **Sawant**

SOFTWARE DEVELOPMENT ENGINEER

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"You only live as long as the last person who remembers you."

Sum**mary**

- A Computer Science Enthusiast and B.Tech Information Technology graduate interested in Algorithms, Distributed Systems & Machine Learning.
- Working as Software Development Engineer in Internet/Ad-Tech industry for past 1 year. Passionate about programming and delivering, clean, test-covered, well-designed and scalable code.
- Seeks to learn and tries to apply all of it in a way that makes life easier. With power of code, bringing things to life. One Software Solution at a time.

Wor**k Experience**

Media.net | A Directi Company
Mumbai, India

SOFTWARE DEVELOPMENT ENGINEER
Jul. 2018 - PRESENT

- Involved in designing, developing features and parts of an App Distribution platform.
- Majorly my work involves:
  - Designing, writing and consuming HTTP-REST APIs.
  - Setting up job queues for multiple monitoring tasks.
  - Writing template code for full stack Web and Desktop applications.
  - Automating and setting up application build processes.
  - Extensive research and POC creation of features, solutions for novel business requirements.
  - Identifying bottlenecks across system and optimize database queries, page load time, serving time, build time.
- Developed node-js, python back-end applications for automating and monitoring application build processes.
- Developed node-js module for restructuring and renaming a directory tree, handled resolution of interlinked file-paths in files.
- Developed macOs desktop application (A Safari App Extension) using Swift for search monetisation with app installer and app auto update feature from scratch.

Praxis Infotech
Sangli, India

WEB DEVELOPMENT INTERN
June. 2017 - Aug. 2017

- Developed a PHP, MySQL web application. Added a layer on top of Google maps for places and events.

Ski**lls**

C++ | JavaScript | NodeJs | Python | C | PHP | SQL | UNIX | HTTP | REST | GIT

Per**sonal Attributes**

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

Edu**cation**

Walchand College of Engineering, Sangli (Shivaji University, Kolhapur)
Sangli, India

B.TECH IN INFORMATION TECHNOLOGY
Jul. 2014 - May. 2018

- Scored: 7.59/10 CGPA.
- Major courses: Data Structures, Algorithms, Operating Systems, Database Engineering, Computer Networks, Parallel Computing.
- Elective courses: Data Analytics, Machine Learning, Artificial Intelligence, Cloud Computing.

Coursera MOOCs - Stanford University
Remote

MACHINE LEARNING
Mar. 2017 - Jul. 2017

- Completed all coding assignments and exercises of course.

Udemy MOOCs - Jose Portilla
Remote

PYTHON FOR DATA SCIENCE AND MACHINE LEARNING
Mar. 2017 - May. 2017

- Completed all coding assignments and exercises of course.

Jawahar Navodaya Vidyalaya, Washim (C.B.S.E) *Delhi, India*

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAM *Apr. 2013 - May. 2014*

- Scored: 89.40 %.
- Courses: Mathematics, Computer Science, Physics, Chemistry.

Projects

Cheat Bot using Deep Learning *India*

PYTHON, KERAS, CONVOLUTIONAL NEURAL NETWORKS, OPTICAL CHARACTER RECOGNITION *Jun. 2018*

- Reverse engineered an android betting game, trained CNN model to solve mathematical puzzles in it.

Image Style Transfer using Deep Learning *India*

PYTHON, TENSORFLOW, CONVOLUTIONAL NEURAL NETWORKS, TRANSFER LEARNING *May. 2018*

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

Strategic Location *India*

PYTHON, LINEAR REGRESSION, FACEBOOK GRAPH API *Dec. 2016*

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

Prowess Index *India*

PYTHON, FLASK, DATA ANALYTICS *Jul. 2017*

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

dsalglib *India*

C++, DATA STRUCTURES, ALGORITHMS, TEMPLATES, OOPS *Apr. 2017*

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

NPTEL Downloader *India*

JAVASCRIPT, WEB SCRAPING, CHROME EXTENSION, AUTOMATION *Jun. 2017*

- Programmed and published a Chrome browser extension for downloading NPTEL video courses.
- Reduced time and efforts required for tedious process.

JNV Washim Alumni Portal *India*

PHP, MYSQL, JAVASCRIPT, HTTP *Jan. 2016*

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

Book Bank allotment system *India*

PHP, MONGODB, JAVASCRIPT, HTTP *Apr. 2017*

- Automated book-bank allotment process at Central Library - WCE, Sangli.
- Reduced paperwork & manual work of 15 days to a few hours.

Honors & Awards

2018	**TCS Best Student Award**, Walchand College of Engineering	*Sangli, India*
2016	**Winner**, Bleed Code coding contest on Hackerearth	*Sangli, India*
2016	**Runner up**, Cipher Strife coding contest in Techtrix at WCE	*Sangli, India*
2016	**Finalist**, Code Buzz coding contest in Vision at WCE	*Sangli, India*
2012	**Rajya Puraskar**, Bharat Scouts and Guides, NVS	*Pune, India*

Volunteer

Personality Advancement Circle of Engineers, WCE *Sangli, India*

CHIEF SKILLS DEVELOPER *Jan. 2017 - Dec. 2018*

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

Bharat Scouts and Guides, JNV *Washim, India*

SCOUT TROOP LEADER *Apr. 2009 - Mar. 2010*

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