Nikita Jibhkate

niksj1996@gmail.com
https://nikitajibhkate.github.io/index/

EDUCATION:

Examination	University	Institute	Year	CPI/%
Graduation	GEC,Aurangabad	Government College of Engineering, Aurangabad	2014 - 2018(Expected)	8.604/10
Intermediate	CBSE	Sir Padampat Singhania School, Kota	2014	88.40%
Metriculation	CBSE	Jawahar Navodaya Vidyalaya, Wardha	2012	10.00

WORK EXPERIENCE:

Google Summer of Code – Sigmah   Summer 2016
Implemented new features for the easier project model management that enhanced flexibility and versatility to large extent. Mostly coded in Java, Hibernate framework, used PostgreSQL for database and build manager maven.

ProTech Software Solution & Computer Education   Winter 2015
Implemented features for administrative software and produced an upgrade for an e-commerce system. Analysed the requirement and implemented an algorithm to upgrade existing map functionality. Worked with Java/J2EE and Hadoop.

SAT (Student Alumni Team AAGECA)   Aug 2015-now
Technical co-ordinator of SAT, a team bridging the Students and Alumni of college.
Team works for the alumni website, made certain changes to make it better.

SCHOLASTIC ACHIEVEMENTS:

Secured 2nd runner-up position in WEBQUEST competition in COMPSA Fest at GECA 2014.
Secured 96.97 percentile in JEE Main 2014 among 1.5 million students.
Secured 665th rank in International Mathematics Olympiad (IMO) by SOF.
Bagged 1st position in Holy Faith Exam conducted by Holy Faith Publication.
Cracked Mathematics Talent Exam (Ganit Pradhnya Pariksha) securing 1st position in district and 53rd in overall.
Secured Bronze Medal in Science Exhibition held at Alphonsa, Project was appreciated by dignitaries and was youngest participant.

PROJECTS:

Silent Phone Locater: Android Application
Guide: Prof. Pallavi Kulkarni
This is an android application to locate the mobile phone when lost with silent profile without GPS.
Used broadcast receivers to search the lost phone, used SQLite database to store numbers.
Added permissions to provide the tracker phone privileges to modify settings.

Sign Language Recognition and Translation*
Using scikit-learn library for the SVM and logistic regression implementation.
Planning to use a Chi-square test to rank all the patterns by their ability to distinguish between the signs.
Using both linear and RBF kernels for the SVM.

Dialme: A Phonebook*
Developed a Java application using servlet programming. Used Lumicall, application allows calling any international number.

Github: https://github.com/niksj
(*Not Academic projects)

OPEN SOURCE CONTRIBUTIONS:

Sigmah
Along with the community, working for the coming release. Implemented hyperlink feature and currently working with import feature.

Fossasia
Member of Fossasia organisation, worked for the Flappy-svg game developed in JavaScript.

PUBLICATIONS:

Q-Learning: Easier way to act optimally   Open Source For You
This article gives Introduction to Q-learning which is an easier way to learn how to act optimally in controlled Markovian domains. (to appear)

TECHNICAL SKILLS:

Programming Language	Java , C/C++, Python	Type Setting	LATEX, Open Office, Microsoft Office
Familiar With	Bash, Ajax, Ruby	Version Control	Git, Github
Web Programming	HTML, CSS, PHP, J2EE, JavaScript	Operating System	Linux (Ubuntu), Mac OS X, Microsoft Windows, Android,
DBMS	SQL, MySQL, PostgreSQL	Mobile Programming	Android
IDE	vim/gcc, Eclipse, Netbeans, Microsoft Visual Studio		

LANGUAGES:

English : Fluent
Hindi   : Fluent
Marathi : Mother Tongue
French   : Basic

EXTRA CURRICULARS:

Honoured by Gandharva Mahavidyalaya Mumbai for passing Classical Music (vocal) Exams with Meritnation. Won various singing competitions.
Winner of National level SGFI Games (Yogasana) at New Delhi for consecutive two years.
Lead a team at National Bharat Scout and Guide Adventure Camp at Pachmarhi, M.P.
Awarded with Rajya Puraskar Scout and Guide Examination.
Selected in National level Drama Fest at Balbhavan, Delhi.