Saish Mandavkar

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EDUCATION

SHAH AND ANCHOR KUTCCHI ENGINEERING COLLEGE, MUMBAI UNIVERSITY
Bachelor of Engineering in **Computer Science**   May 2019
GPA 7.05/10

PILLAI POLYTECHNIC, MSBTE
Diploma in **Computer Engineering**   May 2016
77% Aggregate, Passed with First Class Distinction

BHAVANS HAZARIMAL SOMANI JUNIOR COLLEGE
Higher Secondary Certificate, HSC   February 2014
58% Aggregate.

IES V.N. SULE GURUJI ENGLISH MEDIUM HIGH SCHOOL
Secondary School Certificate, SSC   March 2012
74% Aggregate.

EXPERIENCE

WhiteHat Jr, Mumbai, Maharashtra   March 2020 - Present
Curriculum Associate - Research
- Develop technical learning solutions including lesson plans, prototypes, summaries and project documents revolving around computer science concepts like **Native Applications, APIs, Artificial Intelligence and Machine Learning.**
- Design, develop and maintain course content which includes instructional design, student and teacher instructor guides and the prototypes for the same.
- Assume ownership in designing and developing new lesson plans to ensure the creation of the world's finest curriculum on teaching 21st century skills to students using coding as the medium.
- Dive deep into technical coding topics to research, scope, and design learner-centered curricula.
- One of the very first members of the Curriculum Team and work directly under the VP of Curriculum.

Soft Scribble, Mumbai, Maharashtra   September 2019 - February 2020
Data Analyst
- Implemented and monitored Web analytics using Matomo and studied visitor's behavior to draw conclusions and make decisions.
- Created data modelling standards and data protection procedures in accordance with EU's GDPR policy.
- Delivered conclusive and statistical weekly web analytics reports
- Served as the primary contact for client service teams for various projects.
- Worked with managing leadership to prioritize business and information requirements.

MyDigiSpace, Mumbai, Maharashtra   April 2019 - August 2019
Data Analyst Intern
- Utilized MS-SQL, Tableau and other visualization tool sets for data intelligence and analysis.
- Utilized Google Analytics and Google Tag Manager and implemented new scripts that increased performance by 20%.
- Implemented Matomo Analytics in the company's website to understand and analyze visitor behavior.

WaaysLive, Mumbai, Maharashtra   September 2018 - March 2019
Junior Analyst and Developer Intern
- Managed various software development applications and its monitoring.
- Scheduling of various testing processes and handling the related bugs/fixes.
- Created and executed automated software test plans, cases and scripts to uncover, identify and document software problems and their causes.
- Optimized the interfacing of company's android application with a variety of systems to ensure flexible and agile use.

ITZ-SHOWTIME, Mumbai, Maharashtra   March 2016 - March 2017
Web Developer
- Built and Event Management web-app to manage events online. Increased company's efficiency by 30%.
- Boosted User Experience scores by 40%.
- Used MVC patterns for structuring projects increasing maintainability.
- Completed the redesigning of existing website to improve navigation and enhance visuals.

ACADEMIC PROJECTS

Student Faculty Interaction System for Engineering Colleges (PHP, HTML, MYSQL, Education Domain)   May 2016
  A web-based application which acts as a medium between students and the faculty where the interaction involved sharing the details of assignments, daily attendance and important notices.
- Designed the complete user interface and graphics for website decoration and layout.
- Designed overall experience of the website to build an extensive user experience using Corel Draw.
- Developed the complete backend for the project including the overall logic of the system.

Election Prediction Using Social Network Analysis (Python, Django, SQL, Pandas, NumPy)   May 2019
  Successfully built a system to analyze and determine the role of social media in modern elections and predicting the results using Twitter.
- Designed the learning model for the system using NumPy and Naive-Bayes Formula.
- Integrated sentimental analysis in the system for more accurate results using Wordcloud.
- Facilitated the Twitter API and created a pipeline to fetch tweets and feed them to the learning model.
- Generated reports and designed dashboards using Python Charts Library to visualize the data.

SKILLS

Languages: C and C++, Java, PHP, HTML, SQL, Python (Django, NumPy, Pandas), R (ggplot2, dplyr, tidyr, readr)
Databases: PostgreSQL, Oracle 11g
Analytical Tools: R Studio, Tableau, MS Excel, Matomo Analytics, Google Analytics
Statistics: Regression Models (Linear, Multilinear, Logistics, Bayesian), Hypothesis Testing, A/B Testing
Networking: Cisco Packet Tracer, GNS3

CERTIFICATIONS

DATA SCIENCE SPECIALIZATION (R PROGRAMMING) – COURSERA | JOHN HOPKINS UNIVERSITY
PYTHON FOR DATA SCIENCE AND AI – COURSERA | IBM
DATA ANALYSIS USING PYTHON – IBM
R ESSENTIALS, DATA VISUALIZATION WITH R – IBM
DEVOPS FOR DATA SCIENTISTS, INTEGRATING TABLEAU AND R FOR DATA SCIENCE – LINKEDIN LEARNING
INTERMEDIATE R, DATA MANIPULATION AND JOINING DATA WITH R - DATACAMP
INTRODUCTION TO TABLEAU, ANALYZING DATA IN TABLEAU - DATACAMP

ACTIVITIES

Core Team Member, SAKEC Entrepreneurship Cell, responsible for videography and photography of various events held in the college.

Team Member, Photography Team for Computer Engineering Department's main event – PIXEL TECH CONCLAVE 2019

College Representative, Inter College Chess Competitions Held Across Mumbai City.

Secured **First Place** while representing Computer Engineering Department in Cricket, Volleyball, Football in Intra College Competitions.

Team Member, Secured **Top 5** position in Hackathon in UNSCRIPT 2018, at Fr. Conceicao Rodrigues College of Engineering Bandra.

Team Member, Secured **Top 15** position in iHack Hackathon during E-SUMMIT 2018 in IIT- Bombay.

Author and Editor, Arsedevils.com, A website which publishes articles about premier league football giants Arsenal and Manchester United, featured on e-soccer.com (The central directory of English football) and proud member of The Highbury Library.

INTERESTS

Sports (Cricket, Football, Volleyball), Music, Creative Writing and Editing, Traveling and Exploring New Cities, Photography and Cinematography.