MUHAMMED SALMAN MUHAMMED NASIR SHAMSI

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PROFILE SUMMARY

- Leading a **team of 3 members** at my current organization, responsible for developing, collaborating, reviewing & maintaining web apps based on **Python, Django, Postgres & JS** stack.
- **2.5+ years** of volunteer hands-on & freelance experience in the field of **web development**.
- **5.5+ years** of experience in teaching **programming, database & web technologies**.
- Good interpersonal and communication skills which makes me skilled at explaining complex concept easily to any novice person.
- Completed **12 MOOC's on Coursera, 11 on Udemy, 5 on LinkedIn Learning** which proves me a constantly self motivated learner possessing in demand technical skills.
- **3.5K+ Stack Overflow** reputation and **35+ GitHub** repository which demonstrate my contribution to open source community and passion for programming.

SKILLS

Languages & Runtimes: JavaScript (ES6), Python 3, SQL (Postgres, MySQL), NoSQL (MongoDB), CSS 3, SASS, HTML 5, PHP, NodeJS, XML, C, C++, Java, Typescript, GraphQL

Frameworks: ReactJS, React Native, Django, Express, Bootstrap, Semantic – UI

Libraries & Tools:, Git, JQuery, Redux, Jest, Mocha, Mongoose, Docker, Webpack, npm, Grunt, WordPress, Postman, Firebase, Robo3T, Tableau, Excel

Database, Programming, Data Structure, Machine Learning, Web Development, Responsive Web Design, BEM, OOP, Design Patterns (MVC, Singleton, MVVM, Factory Method), Wireframe, SEO, Cross Browser Compatibility, Version Control, Command Line, AJAX, TDD

PORTFOLIOS

OPMS (Mar 2019 – May 2019)
About: An ophthalmology patient management system. | Role: Full Stack | Client: Mumbra Eye Care. | Technology: HTML5, CSS3, JAVASCRIPT, JQUERY, REACT, REDUX, MONGODB (MONGOOSE), BOOTSTRAP, SASS, EXPRESS, NODEJS

Local Business Theme (Mar 2018 – Apr 2018)
About: An elegant e-commerce theme designed for local businesses. | Role: Front End | Client: Instaweb Pvt Ltd, Mumbai. | Technology: PHP, LARAVEL 5.4, JS, JQUERY, SEMANTIC-UI, HTML5, CSS3, SASS

E-Academs (Oct 2016)
About: E-Academs is an academic management system with prediction capabilities. | Role: Full Stack | Client: AIKTC ｜ Technology: PHP, MYSQL, AJAX, JAVASCRIPT, JAVA, JQUERY

UrbanMumbra (Aug 2016)
About: A survey application used for collecting geographical and demographic information for the survey of the city. | Role: Full Stack | Client: AIKTC｜Technology: PHP, MYSQL, AJAX, JAVASCRIPT, JAVA, JQUERY

WORK EXPERIENCE

Sr. Software Developer, Tata Institute of Social Sciences, Oct 2019 – Present
Currently leading a team of 3 developers. Handled user authentication by using LDAP which enables auto sync of users from LDAP user directory. Performed successful migration of SM System from Python 2.7, Django 1.11 to Python 3.6.8 Django 2.2

Freelancer, Self Employed, Jan 2017 – Oct 2019 (2.5+ years)
For Portfolios: https://shamsi.dev/

Assistant Professor, Anjuman-I-Islam's Kalsekar Technical Campus, Jul 2014 – Oct 2019 (5.5+ years)
DBMS, Web Technologies, Python, Machine Learning, Datawarehouse & Data Mining, Java (OCJP SE 6), Data Structure, C programming, Creative Problem Solving, Operating System, Distributed Database

VOLUNTEER EXPERIENCE

Mentor, AIKTC Programmers' Club (Jul 2016 – Oct 2019)
- Provides technical support, project guidance, career guidance. Conduct meetups, code together sessions and workshops.
- Co-Organized 10+ major events, which includes 5 workshops & **Algorithm x.0** series of inter-collegiate technical competition. I dealt with 50+ teams in the current event; I specifically managed technical support, financial expenditure and audit.

Web Developer, AIKTC (Dec 2014 – Oct 2016)
*Projects: **ProjectILM** an academic management system, **UrbanMumbra** a web-based surveying application.*

MOOCS

Go: The Complete Developer's Guide (Golang), Aug'20.
Tableau 10 A-Z: Hands-On Tableau Training For Data Science!, April '20.
Docker Mastery: with Kubernetes +Swarm from a Docker Captain, Jan '20.
Machine Learning A-Z™: Hands-On Python & R, Nov '18.
Webpack 2: The Complete Developer Guide, Feb '18.
GraphQL with React: The Complete Developer Guide, Feb '18.
Python and Django Full Stack Developer Bootcamp, Dec '17.
The Complete Node.js Developer Course, Oct '17.
The Complete React Native and Redux C.., Sep '17.

Advanced React with Redux, Sep '17.
Modern React with Redux, Aug '17.
Machine Learning, Stanford University, Jul '17.
Interactivity with JavaScript, University of Michigan, Nov '16.
Python Data Structures, University of Michigan, Oct '16.
Advanced Styling with Responsive Design, University of Michigan, May '16.
Programming for Everybody (Python), University of Michigan, May '16.
Responsive Web Design, University of London & Goldsmiths, Dec '15.
Introduction to CSS3, University of Michigan, Dec '15.
The Data Scientist's Toolbox, Johns Hopkins University, Nov '15.

EDUCATION

M. Tech (CSE), JNTU – Hyderabad, GIET, Hyderabad, Nov '16, (**76.56 %**)

B.E. (Computer Engg), Mumbai University, K.G.C.E, Karjat, May '13, (**66.57 %**)

Diploma in Computer Engg, M.S.B.T.E, Saboo Siddik Polytechnic, Mumbai, May '10, (**78.94 %**)

H.S.C (Computer Sci), M.S.B.S.H.S.E, Saboo Siddik Tech. Jr. College, Mumbai, Feb '08, (**82.83 %**)

S.S.C, M.S.B.S.H.S.E, St Mary's Convent High School, Thane, Mar '06, (**74.53 %**)

SPEAKING

- Expert Lecture on **"Artificial Intelligence in Healthcare",** 14 Mar '19, School of Pharmacy, AIKTC
- **JavaScript and Node.js Workshop,** 22 to 24 Sep '17, School of Engg & Technology, AIKTC
- **HTML & CSS and Java Workshop,** 28 Dec to 2 Jan '16, School of Engg & Technology, AIKTC

WRITING

A Comparative Analysis of classification data mining techniques: Deriving key factors useful for predicting students' performance, arxiv e-print, arXiv:1606.05735v2 , Nov '16