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| Contact A person wearing a suit and tie smiling at the camera  Description automatically generated * swagh2@gmu.edu

MS-software Engineering (2014-16) +91 97561 59657/ +1 571 308 3785 Skill Set Back end developmentFront end RecruitmentDatabase Business analysisCareer Timeline     |  SHAILESH WAGH**Profile :**Working in software development since 2011.**Technical Knowledge Purview** **Coding Languages:** PHP, Java, C#, C++**App & Web Development:**  Angular, ,web services, Node.js, jQuery,JavaScript,, bootstrap, JSON, REST, JSF 2.2, AJAX, , Html-5, CSS3 , XML, XSLT, XQuery ,Git, Responsive Design, , git, bitbucket , phpstorm, git review, npm, composer, app store deployment**Database:** SQL(intermediate),Oracle, dB design with normalization, NOSQL- firebase**Security and Testing:** Owasp-10, Payment gateway, Advanced Testing Junit, Mutation testing, Logic Coverage, Code Double, Graph Coverage (CACC etc.), Input Space Partitioning , payment gateway integration -recurring .**Frameworks:**  Spring-boot, CodeIgniter, .Net core, MVC, Ionic 5, Angular , (Appian basic intro) , capacitor**Architecture:** Design Patterns, Class Diagrams and UML 2.0 , draw.io **Professional Exposure –****Nov ’17- Current**As a Co-founder and CEO at **Technomatrix Software, Pune, India*** Preparing quotes for new requirements based on work hour estimation.
* Head of marketing and recruitment, backend architecture.
* Preparing WBS,SRS documents i.e. requirements documents and translating them into Jira tasks
* Preparing wireframes. Ex proto.io
* Bidding on project , preparing the standard templates and training the junior candidates.
* Preparing software project architecture using best design patterns.
* Making training program for technical and marketing employees.
* Preparing interview and testing material.

**As a Technical Team lead at Technomatrix Software, Pune, India****video learning platform** * Integrating features of entity framework in the CI4 and adding repository pattern features- which made the fast development possible
* Admin panel to manage all videos
* Optimising search algorithm for course and program searching and auto recommendation to the user as per their previous activity in the old site and new interests
* Exploring multiple framework and comparison to decide for a particular project
* YouTube video encoding and independent video storage hidden from public access
* <https://www.kssprograms.com/video/>
* Payment Gateway integration for Recurring payment-authrorize.net, stripe, PayPal, BHIM UPI
* Researching for best way to store videos on cloud and cost effective way, implementing the same
* Tech: PHP-CodeIgniter, ionic, google cloud , MySQL, Cloudflare, wowza,

**Social networking platform: micafilla.com** * This is like LinkedIn and multiple platform feature inclusion- upcoming
* Repository pattern, created backend api and unit testing
* Postman, swagger, JWT token
* Tech- .net core- EF, Angular, WordPress ,
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| **Ecommerce site for vendor*** Backend implementation
* Guest or logged in user checkout,
* Excel import items to cart
* Tech : Laravel ,php, Jquery

**Bragsheet Report App:*** Smart template and report creation app
* Hybrid Mobile app , app store deployment
* Separate front end(Ionic, angular 9) and backend project (codeignitor 4)

**Fishwaale.com*** Hybrid Mobile app
* Separate front end(Ionic, angular 8) and backend project (codeignitor 4)
* Lead both projects and did architecture and research work
* Token based user authentication , capturing device id
* Routing and middleware for private APIs.
* App store deployment and releasing native apk using capacitor 2.0
* <https://play.google.com/store/apps/details?id=io.ionic.fishwaale>

**GrowMe.com*** Hybrid mobile Application
* Ionic, angular 7

**SeriousDatings.com*** Social networking website for people to meet strangers for dating
* CodeIgniter 3 and later redesigned to CI4

**Other responsibilities** * Multiple static and dynamic websites including wordpress
* SSL certificate installation.
* Recruitment for technical , hr , marketing, Ba roles and resource management , training freshers .
* Marketing Planning, training for cold calling, lead life cycle
* Human resources executive hiring and training them for hiring and communication
* Business Analyst hiring and training for generating leads online and using multiple platforms

**Sep’17 – Nov ‘17** **Discovery Communications (Maryland, USA)-** **Key Result Areas:*** Scheduled, planned and did XML translation to XML and HTML using XSLT for validations of files size bigger than 25k line
* Developed complex queries in Oracle SQL
* Leveraged skills in working on proprietary ‘Mediaflex’ software for video transformation jobs

**Oct’16 – Sep’17** **KSS Programs- Virginia, USA** * + Led regression testing & acceptance test for website - kssprograms.com
	+ Integrated Authorized.net for payment and Webservices. – used kss web services for the multiple other websites for completing the payments and displaying classes in that website added from kss admin.
	+ For admin- MCV codeigniter framework where admin can add the classes and then these classes will be displayed on the front end of multiple websites. We can demo these features on request.
	+ Classes displayed on the <http://kharystocktonsoccer.com> ,
	+ [https://www.kssprograms.com/](https://www.kssprograms.com/store.php)
	+ **Technologies Used:** PHP, css3, bootstrap, CodeIgniter framework, MySQL, bitbucket-git

**June ‘15 – Aug’15****Next Step Commerce, Virginia, USA (3 month Summer Internship)** * Database design of complex EDI files with 100+ fields and managed up to 3rd normalization form
* Complete module including Front end, file Parser development and achieved algorithm optimization
* Technologies used- c#.net , SQL

**Aug’12 – Jun’13****TATA Technology, Pune, India contractual work****Project Title:** Commercial Vehicle Development - research oriented work Digital prototyping of vehicles developed in JAVA alike language to validate the CATIA vehicle designs**Highlights:** * Selected for project redesign using relations and dynamic functionality over linked objects, stood as the 1st person to achieve the privilege
* Worked on a set of abstracted techniques to implement relations in other live projects
* Recognized for successfully developing 2 innovative add-ons for KNext-IDE which reduced the development time by 25%

**----------------------------------------------------------------------------------****Project Title:** TATA MOTORS Workshop Machine Jobs- scheduling web application for efficiency and maintenance**Highlights:** * Report generation for machine cycle in html
* Scheduling algorithms for complex machine cycles for optimum work time.
* Technologies used- html5, css3, php SQL

 **Dec ’11- Aug’12** **Zcon Solutions ltd,** Pune, India : Internship Project-software to maintain electronic medical records in usa <https://www.turnkeytherapy.com>* Developed a complete module for physician to create treatment note along with Front end design and connection to database and wrote stored procedures
* Created multiple type of reports module exportable to .pdf and excel format
* Technologies used – c#, .net and SQL server,Devexpress 12.1

s **Academic Project****Period across projects:** Aug’14 – Aug’16 **Role:** Data Mining and Machine Learning (CS 584) **Title**: Sentimental Analysis of Patient’s Logs **Key Learnings:** * Acquired skills of analyzing data from sample set for conducting sentimental analysis with the use of Weka; did prediction of sentimental value of log and reported generation for Doc using Json, Java and Web API’s

-----------------------------------------------------------**Other Projects:** Project Management-(); SRS Preparation and ATM Project Plan with Risk Management, WBS , university twitter using java, servlets , IEEE paper presentation on p2p network. **Academics-****MS in software engineering, George Mason university, VA, USA 2014-16** **BE-computer – MIT, Pune, 2007-11****Extra-curricular-*** Prepared the constitution and rules for the new cricket club to be launched in the USA university
* Part of leadership team for the department level cricket, volleyball, football
* Follow the latest astrophysics, quantum physics and spirituality talks
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