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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 development  Front end  Recruitment  Database    Business analysis  Career 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 , |
| **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 | | |