ASHISH BANDGAR

Full-Stack Web Developer / JavaScript Engineer / ELK Modeler

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PROFESSIONAL PROFILE

- 3+ years of development experience as Full-Stack Web Developer with high proficiency in requirement gathering and modeling including design and analysis of web pages of applications, defining structure and presentation on pages in any environment.
- Analyze the business requirements, research validity of requirement, create understanding document. Identify the data points and prepare key process indicators (KPIs), metrics that highlights various performance measures.
- Performing ad hoc analysis for Business case and its impact on rest of the design. Providing developer point of view.
- Excellence in delivering Quality Conceptual, Logical mock ups for the design deliverable for Multiple projects involving enterprise New and Existing Applications. Provide inputs on **UI/UX** based on current technology stack in use.
- Expertise in **JavaScript, HTML, Express, JSON and JQuery** to handle enterprise level web applications with deal with high amount of data. Exposure to working with **D3 and charts.js** to create visualizations.
- Extensive experience in using **HTML/CSS, CSS LESS, Handlebar.js** to create quick templating and rapid delivery. Experienced with **Node.js. RESTful API** development. Experience with Frameworks like Angular and Ruby on Rails.
- Highly proficient with GIT. Expert in **JIRA and confluence** usage.
- Expert at using **AWS** integration and cloud services. Exposure to IBM cloud services.
- Exposure to **Tealium Tag management** and digital analytics area. Use **DB2 for database** handling.
- Expert at handling stream data using ELK for visualizations and integration with web.
- Experienced in understanding of business process flow, SDLC life cycle (V-Model, Waterfall, and Agile).
- Understanding of CI/CD paradigm. Use **CI/CD pipeline process in IBM cloud**.
- Worked on forward and reverse engineering processes. Extensive experience working in an Agile methodology.
- Perform testing using TestCafe, Cucumber and Jasmine, JUnit. TestRail for test management and documentation.
- Participated in understanding and gathering the business requirements to create use cases, workflows and PowerPoint presentations, write functional specifications and queries.

AREAS OF EXPERTISE

- Web Development, JavaScript and HTML, IBM Cloud/Bluemix, Cloud Foundry apps.
- JavaScript, Handlebars, Angular and Node.js, AWS, IBM cloud.
- Web mockup, requirement understanding and analysis of business requirements with a 360 view.

EDUCATIONAL PUBLICATION & CERTIFICATION

- Touchless Writer: Recognizing various Hand Gestures Using Artificial Neural networks through webcams and objects, International Journal of Advance Foundation and Research in Computer, Vol.2, Special Edition. ISSN – 2348-4853.
- Kubernetes and IBM Cloud Container Service: IBM
- IBM Cloud Garage Method Explorer: IBM

COMPETENCIES

Primary
- JavaScript, HTML, CSS
- Express.js, Handlebar.js
- Node.js and Angular
- Ruby on Rails, AWS
- SQL, DB2, Jira, Confluence

Secondary
- MySQL DB, SQL Server DB.
- RegEx, backend development
- MongoDB, Cucumber, ELK.
- Jasmine, Bugzilla
- R language, C++, Core Java

EDUCATIONAL SUMMARY

- **Master of Science in Computer Science [GPA = 3.5 / 4.0]**   [August   2016   -
  December 2017]
  University of North Carolina - Charlotte, North Carolina, USA

- **Bachelor of Engineering in Computer engineering [Distinction]**   [July
  2012 – July 2015]
  University of Pune, Maharashtra, India

PROJECT DETAILS:

IBM Corporation, Austin Texas   **[January   2018   to Present]**

Full-Stack Web Developer
The goal of this project is to support Digital Marketing team to make sure the marketing decisions taken, are reflected on IBM pages. Make sure marketing tags, information is relevant and done perfectly with respect to each URL. Create metrics, to capture all the data with respect to that URL. Use technologies like **Tealium Tag management**, for analyzing and creating marketing tags. Lotame, Drupal, to effectively use the web stack. Use IBM cloud and CI/CD pipelines for deployment. Create new functionalities in existing applications which confirm to standards. These pages and functionalities act as support mechanism when we need system wide changes to be implemented across millions of pages. Another project worked on was **GDPR compliance for IBM**. Making sure all IBM pages are GDPR compliant. Develop contingency plans for URLs which are not compliant. Work with stake holders to identify critical issues and streamline priorities.

Responsibilities:

- Gathering business requirements from different stakeholders.
- Performing ad hoc analysis around customers experience on the different platforms and try and record various blockers or issues. Designing reports both for internal users and external clients highlighting blockers and issues.
- Closely Interpret business impact from primary and secondary point of view usage.
- Compile, analyze and create initial mock ups to confirm business needs and get go ahead with designs.
- Use **JavaScript, CSS, HTML** and related technologies to create UI designs and get approvals. Use **handlebars and Express** framework for development. Make use of responsive page design methodology while creating pages or features.
- Deploy/Use Cloud Foundry apps in IBM cloud environment for servers and other micro-services.

- Manage project versioning and provide support with production deployment.
- Use Cloud Foundry and other IBM cloud features and make sure they are scalable.
- Complete ownership of functionalities from front end to back end and making sure all changes are deployed.
- Working with managing leadership to prioritize business and information requirements.
- Worked with other team members to complete special projects and achieve project deadlines.
- Conduct Testing efforts on created functionality and verify all use cases pass UAT.

Environment and Tools: JavaScript, Node.JS, IBM Cloud/Bluemix**, HTML, CSS, Handlebars.js, Express, ES6**, Confluence, Box.com, Jira, **Tealium.**

University of North Carolina-Charlotte, North Carolina: [Research Assistant]   [May 2017 – December 2017]

Academic Performance Analytic Tool for Students: [Role: Developer / Full Development and Process Owner]

To design web based application to upload and analyze student performance based on the classroom engagement, when curriculum presented in terms of challenges and games. Track engagement throughout semester and give insights.

- Engage with students/professor to gather expectations and functionalities they would like to see in the system. Try and see if there are any changes in the performance if the curricular is made more engaging like a game or challenge series. Reward on completing challenges.
- Translate stake holder requirements into different tangible deliverables such as functional specifications, user cases, user stories, workflow/process diagrams. To be able to scale it, AWS integration was done.
- This is the research based project to try and understand the effect of modifying the curriculum for students. The aim was to see if there is a measurable change in performance and does that increase the engagement. The site would be available to only a defined set of audience; hence implementation of Google OAuth was of importance.

Responsibilities:

- Write Project proposal Document
- Use **JSON to get the data** and store in DB. Analyze the data. Push the JSON files into database
- Create new features and tools on the web, which help in learning. Version control it on GIT
- Environment: Ruby on Rails, JavaScript, HTML, CSS, **Bootstrap, Cucumber, AWS, EC2.**

University of North Carolina-Charlotte, North Carolina: [Teaching Assistant]   [January 2017 – December 2017]

"Teaching Assistant conducting classroom activities, holding coding sessions, grading tests": [Role: teaching Assistant]

To conduct classes in absence of Professor, Create Tests, Grade tests, Conduct coding sessions. Solve student issues and be a point of contact for any problem.

Responsibilities:

- Teaching assistant for the course "Software Engineering". Conduct classes occasionally.
- Develop Full stack semester long Ruby on Rails projects. Establish Google OAuth and hosting on AWS.

- Successfully setting up **EC2, RDS, S3, and Elastic beanstalk** for the projects.
- Worked with students on this semester projects to help them build and deploy full featured projects at term end.
- Help students with Cucumber, Capybara, AWS EC2, S3, TDD with Rspec. Guide them in day to day activities.
- Set up time lines in sprint fashion and help them to keep on track.

Environment: JavaScript, Ruby on Rails, AWS, Cucumber, Junit, HTML, CSS, Bootstrap, GIT.

Cybage Software Ltd.
[July 2015 – July 2016]

RAKUTEN INC, JAPAN   **July'**
2015 - July' 2016
Web Developer / Selenium Testing

The objective of the project was to create interactive web pages for the e-commerce website and help in making the site and interactive and intuitive for users as well as sellers. Help sellers with analytic tools which generated reports on the fly. Another goal of the project was to support the sellers with campaigns and all the digital marketing of the features, products and discounts. Features like discount coupon pop ups, total points on purchase discounts. Implementing features like reports generation, payment methods etc. I was also involved in ETL testing data and selenium user flow testing.

Responsibilities:

- Closely work with Business Analysts in the process of requirements gathering of various aspects in terms of UI and tests for databases. Set up test environments. Create test scripts, test documentation, and document test results.
- Code refactoring for better performance and simplicity. Test-case suites refactoring to remove obsolete test cases.
- Extensively involved in system analysis, test case requirement analysis, defining testing scope, timelines for development. Perform Regression testing, System Integration Testing, Database Testing.
- Worked at Client site for Beta Testing, War Room Testing and Client Demo.
Environment: JavaScript, .NET, Selenium, SVN, GIT, HTML, CSS, **JIRA, Confluence, TestRail,** Bugzilla, JUnit.

Ashish Bandgar

- Charlotte, NC, US

Contact Information

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Summary

Being a Software Developer, I have been part of complex cloud platforms throughout my journey, resulted in working with a clients worldwide. Primarily working as a multi functional Full Stack Web Developer has helped me get experience plus understanding on agile development methods. Working in agile development and cloud tech stack, has helped me get hands on experience in micro-services environment. This has led to collaborations with cross-functional teams, SME's, product owners and management. Additionally, I was able to get initial exposure and then some level of expertise in technologies like docker and kubernetes which are important in context of containers and encapsulating discrete components. The goal is to always contribute and bring full stack expertise in cloud and leverage my understanding of them in the cloud space, help digital transformations and be part of exciting future for tech. Technology/Programming Expertise: Proficient: JavaScript, Node.js, Express, ReactJS, MongoDB, Mocha, Chai, RestFull API, JIRA, Confluence, Development cycle, Cloud provisioning. Exposure: Python, HTML, CSS, Angular, IBM Cloud, AWS, CouchDB, Flask, Django, Pytest, Kubernetes, Docker.

Work History

Total Work Experience: 7 years

- **Full Stack Web Developer IBM**
  Jan 01, 2018

- **Research Assistant University Of North Carolina**
  May 01, 2017 Charlotte

- **Teaching Assistant University Of North Carolina**
  Jan 01, 2017 Charlotte

- **Engineer Cybage Software India -RAKUTEN**
  Jul 01, 2015

Education

- **Masters** | University of North Carolina
  Masters

Skills

- **agile methodologies**
- **algorithms**
- **behavior driven development**
- **c**
- **c++**
- **data analytics**
- **databases**
- **e commerce**
- **hadoop**
- **java enterprise edition**
- **javaserver pages**
- **jira**
- **manual testing**
- **microsoft excel**
- **microsoft powerpoint**
- **netbeans**
- **pl/sql**
- **python**
- **qa automation**
- **quality assurance**
- **rally**
- **regression testing**
- **selenium**
- **software development**
- **spark**
- **sql**
- **test automation**
- **test management**

- **testrail**
- **javascript** - 5 years
- **html5** - 4 years
- **css** - 3 years
- **html** - 3 years
- **web development** - 3 years
- **jira agile** - 2 years
- **jquery** - 2 years
- **node.js** - 2 years
- **qa** - 2 years
- **docker** - 1 years
- **handlebars** - 1 years
- **jasmine** - 1 years
- **j2ee** - 4 years
- **java** - 4 years
- **mysql** - 4 years
- **angularjs** - 3 years
- **git** - 3 years
- **.net** - 2 years
- **amazon ec2** - 2 years
- **amazon web services** - 2 years
- **aws elastic beanstalk** - 2 years
- **bootstrap** - 2 years
- **cucumber** - 2 years
- **database** - 2 years
- **junit** - 2 years
- **oauth** - 2 years
- **r** - 2 years
- **ruby** - 2 years
- **ruby on rails** - 2 years
- **selenium webdriver** - 2 years
- **training** - 2 years
- **mongodb** - 1 years
- **rspec** - 1 years
- **confluence** - 2 years
- **ui** - 3 years

Work Preferences

- Likely to Switch: False
- Willing to Relocate: True
- Travel Preference: 75%
- Preferred Location:

- o Austin, TX, US
  - o Charlotte, NC, US
  - o Dallas, TX, US
- Work Authorization:
  - o US
- Work Documents:
  - o Need H1 Visa
- Desired Hourly Rate: 37+ (USD)
- Desired Salary: 80,000+ (USD)
- Security Clearance: False
- Third Party: False
- Employment Type:
  - o Full-time
  - o Part-time

Profile Sources

- linkedin: https://www.linkedin.com/in/ashishbandgar
- github: https://github.com/ashish617b
- Dice:
  https://www.dice.com/employer/talent/profile/d28accf7de349c71e0a2650fa7c2671e