ANKIT KEJRIWAL

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Product Engineer *with adept knowledge in basic concepts of programming best practices and experience in full stack web development using latest web technologies and frameworks in AGILE environment. Seeking a role in a dynamic environment to leverage my experience & knowledge to the optimum & excel in lieu with the organization's strategies and long term goals.*

Technical Skills

Category	Technologies/Tools
Programming	JavaScript, AngularJS, Node.js, Express.js
Markup/UI	HTML 5, CSS 3
Databases	MongoDB, RDBMS
Web Services	RESTful web services
Scaffolding	npm , GruntJS, Bower, Yeoman
Technology Stack	MEAN js
Libraries Used	jQuery, Bootstrap, Angular UI, D3.js,ng-joyride

Professional Experience

Mu Sigma Business Solutions Pvt. Ltd.
Tenure: August 2015 to present
Projects (in chronological order)
- **muDSC**
  With ever increasing flow of information and data within the organization, there was a need for a structured framework to track analytical initiatives at a systemic level. The muDSC artifact helps understand the flow of decisions across the organization and helps consume analyses appropriately.
  Responsibilities:
    - End to end development of a product which ensures that the complete cycle of a problem from creation to consumption is mapped to ensure collaboration.
    - Implemented graphical dashboards using D3.js to track and monitor metrics for each project that is underway.

- **Group management and user management**
  Group Management in the AoPS application enables creating and controlling collaborative environments wherein multiple users can work and share their projects. It allows controlling through the authorization of users to "groups" within the application. Only users belonging to a certain group/sets of groups have access to the information.
  This ensures efficient project management and information security simultaneously, as the access rights of the users are defined.
  Responsibilities:
    - Designed the database structure to ensure the better performance for CRUD operation
    - End to End development of the different types of user with various levels of access rights.
    - End to End development of group management which ensures creation of group, allocation of the user to group with various access rights.

- **Web analytics platform for AoPS**
  Responsibilities:
    - Researched on various web analytics platform that can help us to track all the movement on the application.
    - Integrated PIWIK(open-source web analytics platform) in the tool. This helps in tracking all the user movement to understand the usage pattern for the application.
    - Setup a LAMP server to store the information in our server.
    - Added paid database(GeoIP2 Databases) to track the user location based on the IP.

Academic Projects

- **CAPTCHA AS A GRAPHICAL PASSWORD**
  - Developed a new security primitive called "Captcha as Graphical Password" in which a graphical password is built on top of Captcha technology.
  - The technique offers reasonable security and usability and appears to fit well with some practical applications for improving online security.
- **AQUARIUM**
  - Developed a mini project in computer graphics using OpenGl during sixth semester. The project shows the use of various techniques such as transformation and scaling to show various activities of fish in aquarium.

Academic Details

Qualification	Year	Score	Institute
B.E (CSE)	2015	**73.26%**	Bangalore Institute Of Technology,Bangalore
12th	2011	**82.4 %**	Central Public School (C.B.S.E.)
10th	2009	**81.80 %**	North Point Childrens School (I.C.S.E.)

Achievements

- Got a Spot Award for the development of tracker tool(PIWIK) for the application
- Member of 'Google GSA club-BIT, Bangalore'.
- Participated in "Lanka Reloaded-Manual Robot Competition-2012" event held at NIT Trichy.
- Co-ordinated and organized department Technical Events in inter-college fest "Manthan".
- First runner up in the Inter House racing competition in school.

Personal Info

- Date of Birth: 19th Dec,1993
- Languages Known: Hindi, English, Marwadi
- Current Location: Bengaluru