

Swagata Kumar Kundu

2 years of IT experience spanning progressive profiles of a Software Engineer, to select, design, and implement solutions to requirements. Solutions, designs, and implementation encompass products, product components, and product related SDLC processes either singly or in combination as appropriate.

SKILLS ABILITIES

Technical:

- Hands-on experience in JavaScript framework encompassing Node.js. Experience in handling HTML and client side frameworks like AngularJs.
- Worked on popular Node.Js frameworks like Express JS, Hapi.
- Experience in database design and server side programming in MySQL Server, MongoDB, RedisDb.
- Experience in writing MySQL Stored Procedures.
- Use of source code controller and project management tools and Git.

Development Methodologies:

- Agile Development Methodologies (SCRUM).
- Agile Testing Methodologies like TDD (Test Driven Development).

EXPERIENCE

DAFFODILS SOFTWARE LTD

JOB TITLE: ASSOCIATE IT

DURATION: JUNE 2015 – TILL DATE

PROJECTS

MyNIGHTOUT

Project Description: My Night out is a business concept for various cities. Here business owner register their business and public user can find them as useful. This business are mainly of Restaurant, Hotel, Bar types. Business owners have facility to promote their business and organize various events at their place by letting know the customer via this media. This project has mobile application development and as well as website. There are multiple level of business in this model. Site owner make lease of various city website to local licensee. Later licensee sales spot on the site to business owners. There are various notification scenarios via mail as well as pushnotification at realtime like reservation reminder, new event reminder, business expiry reminder etc to make the users always updated.

Role:

- Worked on building API for mobile devices and Website.
- Designing database and wrote stored procedures.
- Worked on admin UI part of the website.
- Worked on real time notification module.
- PDF module to generate receipts, coupons for customers.
- Used imagemagick tool to process user uploaded image and put watermark on them.
- Used mandrill for transactional email support.
- Programmatically create Mailchimp List and campaign creation for sending newsletter.

Period: April 2016 - Till Now

Technology: Node.JS, MySQL 5.6, Angular JS, Javascript.

TRIP-PLOT

Project Description: It is an application for users to share their journey and experience which can later help other users. Users also get recommended destination of a location to go. It is also helpful for managing trip with lots of trip members

It is a mobile application where user can signup and create profile. User can create a trip by entering trip detail eg. Trip route, points. Then he can invite friends to join with him. User can also create past trip. Google location service has been used for plotting trip points. User can find recommended destination within a radius. User can receive live notification about trip status. User can upload trip images and a video will automatically created from those images and will be uploaded to AWS.

Role:

- Worked on creating web services for mobile application.
- Implemented Socket.IO for real-time notification to mobile devices.
- Worked on push notification module for Android and ios devices and managing from server side.
- Used ffmpeg to generate video from images and merge video with user uploaded song.

Period: Jan 2016 - Mar 2016

Technology: Node.Js, MongoDB, AngularJS, Bootstrap, JQuery.

QED GAME PORTAL

Project Description: QED Game portal is used for manage QED game show online. It is an online quiz site. QED is a quiz show for students in Nigerian Secondary Schools to assess their intelligence and celebrate outstanding students across Nigeria. The role of the admin web portal to manage session, episode, players, question of Quiz. Using this portal admin can create new session or episode and send push notification for mobile and other connected clients.

Role:

- Consumed web services in Angularjs.
- Worked on Admin module to manage administrative users and public users.
- Designing the front-end of the application (Admin Panel).
- Worked on real-time notification using SignalR.
- Managed website access depending upon user role.
- We followed TDD approach in this project and maintain code coverage above 85% in AngularJs code.

Period: Sep 2015 - Dec 2015

Technology: Web API, JQuery, Angular.JS, SQL Server 2008 and SignalR.

ACHIEVEMENTS

Ranked 5th in Bsc.

Org: WestBengal State University

Awarded as Employee of The Year 2016

Org: Daffodil Software

EDUCATION

- MSC (Computer Sc) from Banaras Hindu University (BHU) (Aggregate. 75%)
- BSc (Computer Sc) from DMC, Kolkata, affiliated with WestBengal State University (Aggregate. 74%)
- Class 12th (Mathematics, Physics, Chemistry) from NCP-Manmathanath High School, Barrackpore Kolkata, affiliated with WBCHSE (Aggregate. 51%)
- Class 10th from Ramakrishna Vivekananda Mission, Barrackpore Kolkata, affiliated with WBSE (Aggregate 84%)

TRAINING/INTERNSHIP

- Have done summer internship (2015) from IIT-BHU (Dept of CSE) under guidance of Prof. Bhaskar Biswas.
- Have completed final year project from IIT-BHU (Dept of CSE) under guidance of Prof. Bhaskar Biswas

PERSONAL DETAILS

Date of Birth: 31st Dec 1992.

Permanent Address: Deep Apartment (3rd Floor) HA/20 S.L Sarani, Baguipara, Baguiati, Kolkata-700159, WestBengal.

Marital Status: Unmarried.