DEBRAJ DEY

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Portfolio   GitHub   LinkedIn

EDUCATION

- **Purdue School of Science**   **MS in Computer and Information Science**   **Grad: May 2019 (GPA- 3.30)**
- **Calcutta Institute of Technology**   **BTech in Computer Science and Engineering**   **Grad: August 2016 (GPA- 3.65)**

SKILLS

- **Languages / Markup:** Java, JavaScript, HTML, CSS, XML
- **Libraries / Formats:** jQuery, Node, D3, JSON, CSV, SASS
- **Version Control:** Git, GitHub, Kaltura
- **Databases:** SQL, MySQL
- **Tools:** Docker, Shopify, JIRA, Figma, WordPress, Drupal

- **Framework:** Angular, ReactJS, Bootstrap
- **Visualization:** Tableau, Jetpack, Google Analytics
- **Cloud:** Amazon Web Services, Google Cloud, Bluemix
- **Editors:** Visual Studio Code, Eclipse, IntelliJ
- **Web Services:** RESTful, SOAP

WORK EXPERIENCE

➢ *Web Developer*, University Information Technology Services (UITS) at Indiana University   **November 2017 – May 2019**
- Responsibility includes website development on different platforms using HTML5 | CSS | JavaScript | Bootstrap | React.
- Worked with different data formats like XML | JSON also managed university information and database. Used repositories like GIT | SVN.
- Used CMSs like WordPress and Drupal, including website connectivity with Kaltura. Diagnosed errors, troubleshooting media plugins.

➢ *Software Engineer,* Wipro Limited   **August 2016 – July 2017**
- Responsibility includes Web Application development, testing, troubleshooting. Worked mainly in Agile Environment.
- Good amount of work done on Reactive forms or Web Forms 2.0 in Angular and their Validations. Used Node.js for server-side coding.
- Experienced in developing tools like Visual Studio, IntelliJ. Website Development and Database Connectivity using Firebird.

WORK PROJECTS

➢ *Migration project (Indiana University)*   </>Live   **November 2017 - April 2019**
- Developed new websites using React framework directives, services, controllers, filters, templates, events and injectors.
- Migrated university blogs and media to Kaltura Media Space. Adding RSS feeds to playlists and test them on different platforms.
- Database connectivity process between Kaltura and University server. Monitoring server usage SolarWinds SAM. Used Git for version control.

➢ *The Polis Center – IUPUI*   </>Live   **April 2018 - March 2019**
- Responsible for the architecture, design, implementation using HTML | CSS | JavaScript. Updated website inventory using WordPress.
- Utilized Angular to implement website functionality. Made compatible with desktop, mobile and tablet by creating print friendly pages.
- Worked on different buttons, tabs, box design, animation to make them look appealing for better user experience.

➢ *Pain and Policy Studies Group*   </>Live   **May 2018 - December 2018**
- Designed and deployed menus, submenus, side navigation bar for the Drupal website using HTML5 | CSS | JavaScript.
- Migrated the website from Drupal 6 to Drupal 7 after carefully backing up existing data and other settings and configuration.
- Customized footer, removed white spaces, updated the existing UI, made pages print friendly and browser compatible.

➢ *Searching Toolbox (British Telecom)*   </>Live   **August 2016 - March 2017**
- Identified, analysed and documented gaps in existing test coverage for the new advanced algorithm. Troubleshot build issues in GitLab, Jenkins.
- Introduced new toolbar using HTML | JavaScript | Java for product search, offer search, redeem codes and did error monitoring for fake codes.
- Prepared sample code, applications for displaying various outcomes of API. Used RESTful web services to integrate between Client and Server.

➢ *BT TV New User Guide (British Telecom)*   </>Live   **March 2017 - July 2017**
- Introduced BT Sports 3 and UEFA Champions League broadcast page using HTML | JavaScript. Validated Web forms using Angular.
- Worked on a new TV help tool for BT TV customers and a self-troubleshooting tool for users to get a quick fix.
- Developed, maintained and customized existing live streaming media plugins. Used Docker containers to deploy Linux based applications.

PERSONAL PROJECTS

➢ **Stock Market App using React**   </>Live   **June 2019 – July 2019**
- Designed and deployed stock market app using React framework. Made complex API calls, used component and state for data binding.

➢ **Weather App using React**   </>Live   **June 2019 – July 2019**
- Designed using FIGMA and implemented layouts using CSS | Bootstrap 4. Used weather API to fetch data. Deployed all the codes, in GitHub.

➢ **E-commerce Website using Vanilla JavaScript**   </>Live   **March 2019 – July 2019**
- Created the Interactive ecommerce website using Vanilla JavaScript. Implemented features like product buy, remove from cart.

➢ **ASDF Gadget using React**   </>Live   **January 2019 – May 2019**
- Worked with React Component, Forms, Events, Keys, Router, Animations and Flux concepts. Used HTML | JavaScript | SASS | CSS | JSX.

➢ *GAMES - CatRatDog, Blackjack*   </>Live   **December 2018 - April 2019**
- Typed.js library is used for better UI Design. Covered and reviewed all the test cases carefully to achieve an accurate result.

➢ *Data Visualization on Game of Thrones Dataset*   </>Live   **January 2018 – May 2018**
- Implemented Force-Directed Graph, Interactive Web, Interactive Bubble Chart using d3.js libraries. Used dataset from Kaggle.