

DEBRAJ DEY

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[Portfolio](#) [GitHub](#) [LinkedIn](#)

EDUCATION

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|---|--|--------------------------------------|
| • 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

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| • Languages / Markup: Java, JavaScript, HTML, CSS, XML | • Framework: Angular, ReactJS, Bootstrap |
| • Libraries / Formats: jQuery, Node, D3, JSON, CSV, SASS | • Visualization: Tableau, Jetpack, Google Analytics |
| • Version Control: Git, GitHub, Kaltura | • Cloud: Amazon Web Services, Google Cloud, Bluemix |
| • Databases: SQL, MySQL, MongoDB | • Editors: Visual Studio Code, Eclipse, IntelliJ |
| • Tools: Jenkins, Docker, Shopify, JIRA, WordPress, Drupal | • 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 | Angular | React.
 - Worked with different data formats like XML | JSON also managed university information and database. Used repositories like GIT | SVN.
 - Used content management systems like WordPress and Drupal, including website connectivity with Kaltura.
 - Diagnosed errors, troubleshooting media plugins. Working alongside experienced software developer and testers.
- **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.
 - Constant testing on email servers using MX Toolbox and troubleshooting the issue if not escalate.
- **Technical Assistant**, University Library at Calcutta Institute of Technology (CIT) **January 2013 - December 2015**
 - Responsibility included Database Administrator 40% Technical Analyst 60% including constant development of university website.
 - Library Management- Registering books in college database, keep a track on books. Troubleshot hardware devices as well as helped students.

WORK PROJECTS

- **Migration project (Indiana University)** [Live](#) **November 2017 - April 2019**
 - Developed new websites using HTML5 | CSS | JavaScript | Bootstrap, with constant testing and covering all possible test cases.
 - Expertise in Angular and 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**
 - Implemented advanced Keyword Driven Searching Algorithm and, new login process to enable more security in customer data.
 - 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.

OTHER PROJECTS

- **ASDF Gadget using React** [Live](#) **January 2019 – May 2019**
 - Designed and deployed the SPA Gadget website using REACT. Used Git for version controlling and regularly pushed the code to GitHub.
 - 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**
 - Developed the front-end using CSS | HTML5 | XHTML | Bootstrap | JavaScript framework to build this single player game.
 - Typed.js library is used for better UI Design. Covered and reviewed all the test cases carefully to achieve an accurate result.
 - Used Different functional logic to make the games much more interactive and fun to play to achieve a satisfying user experience.
- **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.
 - Analyzed the family tree and dynasty of the characters in the series and books. Also, measured the weighted average.