

# Debojyoti Paul

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## EDUCATION

- **Tezpur Central University** Assam, India  
*Bachelor of Technology - Computer Science & Engineering; GPA: 8.09* July 2014 - June 2018  
*Courses: Web Development, Data Structures, Algorithms, Networking, Databases, Android, Operating Systems*

## SKILLS SUMMARY

- **Languages:** JAVA (proficient), SQL(experienced), JavaScript, Python
- **Frameworks:** Hadoop, Spring, GWT
- **Tools:** AWS Redshift, Google Analytics, Google Bigquery

## EXPERIENCE

- **Whatfix**  
*Software Developer (Full-time)* November 2019 - Present
  - Part of the Analytics team at Whatfix.
  - Worked on the Analytics ETL pipeline from end to end.  
Tech Stack - Java, AWS Redshift, Hadoop, PIG, Google analytics, Google Bigquery, S3.
  - Worked on modules to capture raw whatfix engagement data using Google analytics.
  - Developed numerous SQL scripts on top of AWS redshift to aggregate data.
  - Optimized existing SQL statements serving the Analytics dashboard.
  - Developed several PIG scripts to process raw data.
  - Developed couple of PIG scripts to sync data from Cassandra to Redshift
  - Developed module to delete data for particular accounts from the entire analytics stack.
  - Developed Reporting system for analytics in Sprint Boot. Developed 10+ Restfull Api's to expose data for integration.
  - Developed Components to visualize data using Fusion charts.
  - Worked on Analytics for Whatfix widgets. Developed end to end system to display analytics for couple of widgets.
- **Nissan Digital Inc.** -  
*Software Developer (Full-time)* August 2018 - October 2019
  - Worked on a project using JSF, EJB, MsSQL Server
  - Involved in design and development of the project from scratch.
  - Developed modules for uploading complex CSV files, performing critical business validations and storing data in MsSQL Server.
  - Created modules for downloading the data in 15 CSV formats which are further used for visualization.
  - Developed Restfull API's in Spring Boot and couple of Components in Angular 6 for an internal project in Nissan.
  - Improved code coverage by writing unit test cases using junit and mockito.

## SIDE PROJECTS

- **Chat application (NodeJS, Angular, Socket.io):** Developed an app in Node.js where a user can gain access to a live session with JWT authentication and chat with users connected in the same session in a group or private mode. Implemented socket communication with Socket.io.
- **HouseHarbour:** Created househarbour.com, which is a website that provides a list of Hostels and PG's in Shillong which will help students in choosing accommodation based on their requirements. Received positive reviews from hostel owners and students who have used it. Tools used: PHP, MySQL, Javascript, Bootstrap

## HONORS AND AWARDS

- Rewarded by Whatfix as Joint Success Engineer of the Quarter Q3 2020.
- Secured 1st rank in Java and Agile Training organized by Nissan Digital (Training partner: Simplilearn) - August, 2018
- Scored highest marks in Mathematics in HSSLC out of 4000+ students