

Dibya Jyoti Roy

INTERNSHIPS

MAY 2016 – JULY 2016

Internship, Microsoft IT, Hyderabad

Mobile Device Apps Development & Analytics for Business Insights

Non Disclosure Agreement.
Offered a full time position.

MAY 2015 – JUNE 2015

Internship, Tata Steel, Jamshedpur

ERP, Sinter Distribution, ASP.NET

Designed the whole structure and front-end of the website. User-Authentication and User-Authorization of the various modules of the website. Website Configuration. Algorithm for daily sinter distribution. Integration of the different modules of the website from other team members. Error Management system. Email Notification system. Unit Testing. Use-Case Diagram.

MARCH 2014 – FEBRUARY 2015

Internship, Zephcon Technologies, Kharagpur

Android App Developer

Designed the front-end of two android apps. Was the lead developer for the project.

PROJECTS

MARCH 2016 – APRIL 2016

Academic Project, Kharagpur

Realtime Visualization of Twitter Hashtags

Realtime handling of tweet streams using Apache Spark and an API for querying on this data. Interactive visualization of co-occurring hashtags using vis.js.

FEBRUARY 2016 – MARCH 2016

Academic Project, Kharagpur

Course Management Website, MEAN Stack

A dynamic web app where instructors can offer courses for students with provision for assessments and performance tracking. Used the MEAN (MongoDB, Express.js, Angular.js, Node.js) stack to make the web app. Worked mainly on the back-end of the website and made the APIs.

JANUARY 2016

Inter-IIT Tech Competition

Proximity Based SOS Android App

Allows user to send a notification for help to everyone within a predefined radius. Made the API using Node.js. Made widgets for the Android app. Used Pubnub for real-time chat integration. Used services for continuous tracking of location of users.

JULY 2015 – NOVEMBER 2015

Academic Term Project, Kharagpur

Review Spammer Detection System

Implemented a Review Graph based Review Spammer Detection System. Used LIWC for text analysis. Used Selenium WebDriver & BeautifulSoup to crawl & parse the HTML, MongoDB as Database, Plotly for plotting.

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EDUCATION

2013 – 2017 **Computer Science And Engineering**
UNDERGRADUATE
IIT Kharagpur, India
GPA. 8.71/10

2011 – 2013 **Class XII Board (ISC)**
Tagore Academy, Jamshedpur, India
Percentage. 96.25%

1998 – 2011 **Class X Board (ICSE)**
Tagore Academy, Jamshedpur, India
Percentage. 95.2%

COURSES

Ubiquitous Computing
Machine Learning
Parallel & Distributed Algorithms
Data Structures
Algorithms
Computer Organization and Architecture
Social Computing
Operating Systems
Formal Languages and Automata Theory
Software Engineering
Compilers
Information Retrieval
Computer Networks

SOFTWARE SKILLS

PROFICIENT	Java, C++, C#, Android, HTML5, Node.js
INTERMEDIATE	C, JavaScript, VB, CSS, SQL, MongoDB, Xamarin.Forms, ASP.NET, Windows, Ubuntu, MEAN, Git, Unity

ACHIEVEMENTS

- 2016 1st position in Inter-IIT (intercollegiate) Tech Software Development among 19 IITs, India.
- 2013 Ranked 351 among 150,000 students, JEE Advanced Examination, India.
- 2013 Ranked 1 among over 150,000 students, Odisha Joint Entrance Examination and Jharkhand Joint Entrance Examination, India.
- 2013 Ranked 42 among over 100,000 students, West Bengal Joint Entrance Examination, India.
- 2013 Selected for INSPIRE Scholarship.
- 2009 Recipient of NTSE Scholarship by NCERT.