

Abhinav Agrawal

abhinavagrawal1995@gmail.com | abhinavagrawal.in

QUALIFICATIONS

CURRENT M.Sc., Computer Science - Northeastern University, Boston (1st Year)
2013 - 2017 B.Tech., Information Technology - Manipal Institute of Technology, Manipal

LANGUAGES & SKILLS

FRONT-END JS, JQuery, Angular, HTML, CSS, Bootstrap
BACK-END NodeJS, PHP, SQL, JAVA, Python, MongoDB
DEVOPS Git, Docker, Jenkins
MISC Ubuntu, Jekyll, Apache
LANGUAGES English, Hindi, Bengali

PROJECTS

CODETRIP | *Adaptive Road Trip Planner*
2016 A web application designed to suggest the perfect route between the user's source and destination cities. The suggestions are based on a scoring algorithm on city factors designed using Azure ML and ScikitLearn's Model Evaluation API. The project made it to the top 6 teams in the AngelHack 2016 Hackathon organised at MIT, Manipal.

BUZZMINER | *A tool to suggest best locations for a mobile launch*
2016 A PHP based web-application that uses Twitter API to fetch tweets about a given mobile phone, and performs sentiment analysis using Naive Bayes algorithm. The algorithm then provides suggestions for the model's launch locations in descending order of probability of success. github.com/abhinavagrawal1995/buzzminer

THE BOOK HUB | *An online Library Tool*
2014-2017 An online repository of e-books and a facilitator for purchase/lending physical copies within the college campus. The pure JavaScript website had an average of 250 visits per day across 20 countries. Also recruitment and managed a team of 15 developers, content-writers and graphic designers. github.com/abhinavagrawal1995/tbh

PLACEMENT PORTAL | *Placement Portal at Manipal Institute of Technology*
2016-2017 A PHP based web-application used for all placement related procedures at the college. Additionally setup a NGINX and firewall to host this portal on the campus intranet. It is used by 3000+ users each year.

WORK EXPERIENCE

AUG '17 - APR '18 | Analyst at BLACKROCK INC., Gurgaon
Assisted in revamping the existing monolithic architecture to a container-ready architecture and developing web-applications using Angular 5 on the same.
Created Python scripts to automate internal processes.
Developed Spring based APIs for the web-application used by Institutional Clients to view different types of reports about their assets at BlackRock.

JAN - JUL '17 | Intern at BLACKROCK INC., Gurgaon
Fixed all Information Security issues found across Java, JS, Sybase and Apache layers during external Penetration Tests of client facing web-applications.

JUN - JUL '16 | Intern at SIEMENS INDIA, Gurgaon
GitHub - github.com/abhinavagrawal1995/JT-file-parser
Developed a JAVA parser for JT open file format (used for 3D modelling).
Further extended the tool using Blender Python API to enable lossless import of the file into Blender, an open-source 3D rendering software.