

Abhinav Minocha

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Stony Brook, NY

EDUCATION

Stony Brook University

Stony Brook, NY

- *Master of Science in Computer Science*

Jan. 2021 – Present

Major Coursework: Analysis of Algorithms, Visualization, Network Security, Probability and Statistics, Data Mining.

Teaching Assistant for ISE 305: Database Design and Practice.

Maharaja Surajmal Institute of Technology

New Delhi, India

- *Bachelor of Technology in Computer Science and Engineering; Percentage: 84.7/100*

Aug. 2014 – May. 2018

Major Coursework: Data Structures Algorithms, Software Engineering, Database Systems, Computer Systems, Object-Oriented Design.

PROGRAMMING SKILLS

- **Languages:** *Primary:* C++, JAVA, SQL. *Familiar:* Python, JavaScript, HTML, CSS
- **Frameworks/Libraries:** ReactJS, d3.js, NumPy, Scikit Learn, Pandas, Node.js, RESTful APIs, Android
- **Tools:** Git, Xcode, Visual Studio Code, IntelliJ, Docker, ServiceNow

EXPERIENCE

Accenture Services Pvt. Ltd

Gurugram, India

- *Application Development Analyst*

September 2017 - January 2021

Technologies: JAVA, Spring MVC, Python, MySQL, Jenkins, Docker, Scrum, Agile.

- Designed and developed the features in the existing web-application based upon Spring MVC framework as part of the requirements laid by the client utilizing the agile methodology.
- Review development of test protocols for testing applications before user acceptance; Assist with the configuration, implementation and maintenance of the technical environments for the current development, staging and production environments.
- Drive solution delivery by closely working with business users, business analyst, project managers and other relevant teams in all phases of SDLC.
- Creating Restful and SOAP web-services, business processes (Order Fulfilment), Converters and populators as per requirement.
- Lead problem solving meetings to improve processes through analytic approach and develop recommendations. Partner with other business units to handle vendor and internal escalations.
- Responsible for IT Service Management, Incident Management, Problem Management and Change Management processes. Managed client KPIs re-view platforms at weekly, monthly, and quarterly cycle and understand technical software requirements.

iLabs Co

New Delhi, India

- *Technical Intern*

June 2016 - August 2016

Technologies: Ruby on Rails, JavaScript, CSS and Bootstrap framework

- Worked on prototype website on both the stacks using ruby on rails framework in a team of 4 developers.
- Worked on the e-commerce platform to develop a new interactive design, adding new features which helped to increase sales by 60 percent.

PROJECTS

- **Global Terrorism Dashboard Analysis:** Developed a dashboard to visualise identify the trends, patterns and some interesting insights of the global terrorism activities with the help of the visualization, analyze the effects of these changes on various other factors of the society to produce interesting, statistically significant results that can be used for tackling the horrors of global terrorism. This Data Visualisation project was created in ReactJS using d3.js as a part of the CSE 564: Visualisation Course. The demo can be found [here](#).
- **Book Node Client/Server Application:** Developed a full-stack web-application where the users can search for a book and view its details and maintain a bookshelf to keep the record of saved books. The project was developed using ReactJS, Redux, Node.js, MongoDB and Mongoose. The project can be found [here](#).
- **Hypothesis Testing and Regression Prediction:** As part of the course, Probability and Statistics, this project involved hypothesis testing and regression prediction for the US COVID-19 data of various states. The code can be found [here](#).
- **Automated Invigilation Tracking:** Developed an application to create an automated system for attendance marking and invigilation by tracking the human movement using video and image processing.