

# Abhinav Minocha

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Stony Brook, NY

## EDUCATION

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### 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: 84.87/100*

*Aug. 2013 – June. 2017*

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

## PROGRAMMING SKILLS

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- **Languages:** *Primary:* JAVA, JavaScript, SQL. *Familiar:* Python, C++
- **Frameworks/Libraries:** ReactJS, d3.js, MongoDB, Spring MVC, SAP Hybris, NumPy, Pandas, Node.js, RESTful APIs, Android
- **Tools:** Git, Xcode, Visual Studio Code, IntelliJ, Docker, ServiceNow, Jenkins, Docker

## EXPERIENCE

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### Accenture Services Pvt. Ltd

Gurugram, India

- *Software Development Engineer*

*September 2017 - January 2021*

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

- Designed and developed the features for H&M's e-commerce web application based upon the JAVA Spring framework as part of the requirements laid by the client utilizing the Agile methodology.
- Implemented a traffic alert functionality to auto update the prices at the time of high traffic of users, thereby increasing the revenue for the client by 40%.
- Investigated issues related to custom services and implemented REST Web service call on all the pages such as Product Search, Product Listing, Product Details and Cart Pages to consume products, based on user inputs.
- Responsible for performing deployment tasks through Jenkins and peer reviewing the code base.
- Reviewed and performed development of test suites and protocols with the Quality Assurance team during the development cycle.
- Accelerated problem solving meetings to improve processes through analytic approach and develop recommendations for the client. Partner with other business units to handle vendor and internal escalations.
- Led solution delivery by closely working with business users, business analyst, project managers and other relevant teams in all phases of Software Development Life cycle. Managed client KPI's re-view platforms at weekly, monthly, and quarterly cycle and understand technical software requirements.
- Accelerated and improvised the development delivery process by working onshore with the client which increased the time efficiency of offshore teams.

### 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%.

## PROJECTS

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- **Visualisation 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, JavaScript, D3.js, HTML CSS** and **d3.js**. 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 CSE-544 course, Probability and Statistics, this project involved hypothesis testing and regression prediction for the US COVID-19 data of various states using **Python**. The code can be found [here](#).
- **Automated Invigilation Tracking:** Developed an application using **MATLAB** to create an automated system for attendance marking and invigilation by tracking the human movement using video and image processing.