

ABHINAV MISHRA

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Education

Master of Science Industrial Engineering, Data Analytics Engineering

Northeastern University, Boston, MA

Expected September 2023

- Relevant Coursework: Data Mining, Machine Learning, Probability and Statistics.

Bachelor of Technology, Computer Science Engineering

Amity University, Noida, India

May 2015

- Relevant Coursework: Data Structures and Algorithms, Database Systems, Operating Systems, Programming.

Experience

Web Developer Manager

January 2019 - June 2021

TIMES INTERNET, Noida, India

- Architected and engineered a Progressive Web App solution for mobile and web for Times Internet serving users across 8 different languages, having a peak of 500,000 concurrent users.
- Updated existing codebase from XSLT to React.js and Node.js while maintaining high availability.
- Setup coding practices across existing projects, leading and mentoring trainee engineers while conducting regular code reviews, reducing deployment time issues by a margin of 5%.
- Achieved an increase ad revenue by 20% and decrease in page load time by 25%. PWA solution for mobile got 100/100 on all performance aspects and won a presentation spot at Google I/O.

Frontend Engineer

April 2018 - September 2018

BUDDY4STUDY, Noida, India

- Developed a server side rendered solution in React.JS and NodeJS reducing initial page load time by 15%.
- Improved page ranking of product web application, for keywords of "Education and Scholarship" related searches to be in top 10 results.
- Initiated and launched an in-house project, automating and streamlining process of introducing new scholarships into web application database, saving manual man hours by up to 50 hours / week.
- Led interactions with new clients, collaborating and evaluating business requirements, translating requirements into User Interface prototypes and web pages, getting a conversion rate of > 50 %.

Software Engineer

September 2015 - June 2017

TECTURA INFOTECH, Noida, India

- Generated SSRS reports in MS Dynamics AX and MSBI for clients, consolidating sales and invoice related data, simplifying interpretation through visualizations and solving data redundancy issues.
- Built data warehouse solution for CARLSBERG for APAC region helping consolidate key data metrics and trimmed wastage by a factor of 10%.

Technical Skills

- Languages and Frameworks: JavaScript (ES6), Python, Java, ReactJS, Node js, jQuery, HTML,CSS, SQL.
- Databases: MySQL, MongoDB.
- Software Tools: GIT, SVN, JIRA.

Projects

- Dungeon Crawler Game : Designed and developed a Dungeon crawler game (randomly generated maze) using react.js, html and CSS presented on <https://react-dungeon-master.herokuapp.com/>.
- Data science projects: Data visualizations and projects <https://codepen.io/abhinavthinktank/> , including Conway's mathematical simulation of Life, Visualization of temperatures data across Earth.
- Web development projects: Worked on web applications, hosted on <https://codepen.io/abhinavthinktank/> . Examples include Minesweeper and Simon (memory game).