

Prinesh Bansal

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EDUCATION

Northeastern University, Boston, MA

Aug 2019 - Dec 2021

Candidate for Master of Science in Computer Science

Relevant Courses: Algorithms, Programming Design Paradigms, Web Development, Information Retrieval

University of Mumbai, Mumbai, India

Aug 2015 - May 2019

Bachelor of Engineering in Computer Engineering

TECHNICAL KNOWLEDGE

Languages: Python, Java, JavaScript, C#

Web / Frameworks: Node.js, React.js, GraphQL, Spring Boot, JPA, .NET, .NET Core, Entity Framework

Databases: MongoDB, SQL Server, MySQL

Tools: Git, Heroku, AWS, Azure DevOps

WORK EXPERIENCE

Comcast, Chicago, IL

May 2021 - July 2021

Information Technology Intern, Application Development

- Collaborated with a team of 3 to create an application that tracks the recovery of \$1.3 million worth of company equipment per quarter and reduces the man-hours associated with the process by 100 hrs annually
- Created backend API's using C# and .NET MVC and used Javascript, AJAX and jQuery for frontend interface
- Designed and implemented anonymous feedback feature for Comcast's Sponsored Services Vouchers application using C#, .NET Core and Javascript
- Implemented SSIS packages to fetch data from multiple databases and load them into a destination database
- Created SSRS Reports for delivering application insights to stakeholders on a weekly basis

Cogitate Technology Solutions, Atlanta, GA

Feb 2021 - May 2021

Software Engineering Intern

- Worked on Low Code/No Code configuration tool for Cogitate's DigitalEdge Insurance Platform
- Implemented backend REST API using C# and .NET 5 and created frontend interfaces for them using React.js
- Migrated API's from .NET Core 3.1 to .NET 5 and resolved any issues arising from change in frameworks

Northeastern University, Boston, MA

Sep 2020 - Dec 2020

Graduate Teaching Assistant, Theory of Computation

- Evaluated assignments, resolved queries and assisted professor with classroom instruction for upto 50 students

Comcast, Atlanta, GA

June 2020 - July 2020

Information Technology Intern, Application Development

- Streamlined user's workflow by implementing Single Sign-On user authentication for .NET applications
- Improved the run-time performance by 20%, investigated and resolved issues for an existing .NET application

PROJECTS

Plagiarism Checker

Oct 2020 - Nov 2020

Typescript, ReactJS, Express.js, ANTLR, Git

- Designed a multi-file plagiarism detection application that supports languages like Java and Python
- Implemented two strategies for identifying similar solutions based on their Abstract Syntax Tree generated using ANTLR
- Incorporated the functionality of highlighting plagiarized code between two source files

Recommender Systems for Trending YouTube Videos

May 2020 - Jun 2020

Python, PySpark, Numpy, Pandas, Beautiful Soup

- Cleaned video descriptions and tags to improve accuracy of the recommender systems
- Implemented Collaborative and Content based filtering strategies and presented their shortcomings and advantages when applied to a real-world dataset

Health & Wellness Management System

Mar 2019 - May 2019

Java, Spring Boot, MySQL, ReactJS, AWS, Git

- Developed a RESTful web platform that can administer and track appointments, prescriptions, and other healthcare information pertinent to a hospital such as patient's medical history & doctor's availability
- Utilized AWS resources like Elastic Beanstalk and RDS instances for deploying the application