Swapnil Biradar

Boston, MA

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Education

Northeastern University *Boston, MA*

Masters of Science in Information Systems *Expected May 2024*

- **Courses:** Program Structure and Algorithms, Application Engineering and Design, Web Design and User Experience Engineering, Database Management and Database Design

Maharashtra Institute of Technology *Pune, India*

Bachelors of Engineering in Electronics and Telecommunication *July 2019*

- **Relevant Courses:** Problem solving and Object-Oriented Programming in JAVA, Data Structures and Algorithms, Computer Networks and Security

Skills

Programming	JavaScript, Python, C#, Java
Technologies	NodeJS, Express, React, ASP.NET Core, HTML5, CSS3, Rest APIs
Software/Tools	VS Code, Git, Github, Postman, Eclipse, Netbeans, Visual Studio, Jira
Database	MongoDB, Microsoft SQL Server, MySQL

Work Experience

Tata Consultancy Services *Pune, India*

Senior Systems Engineer *Feb 2022 - Aug 2022*

- Collaborated with a four-person team to develop an application using ASP.NET for user access management
- Optimized application performance by performing index rebuilding and updating statistics in SQL server which resulted in increasing efficiency by 60%
- Teamed up with clients to identify business requirements for enhanced functionality, and subsequently collaborated with developers and clients to implement solutions that boosted client satisfaction by 27%

Infosys Limited *Pune, India*

Senior Systems Engineer *Sept 2019 - Feb 2022*

- Built RESTful APIs that served data to the JavaScript front-end based on dynamically chosen user inputs that handled over 100,000 concurrent users
- Reviewed code and conducted testing for additional features on data management web app that boosted performance by 50%
- Designed reports to fetch daily/weekly/monthly data using SQL to reduce manual work by nearly 95%
- Created a report using SQL to get consolidated data of all fields across four different applications

Projects

Stock Portfolio Management Application *Boston, MA*

Northeastern University *Dec 2022*

- Built a Stock Portfolio Management application using React, MongoDB, Express and Nodejs having components such as User login/register, buy/sell stocks, stocks information, charts and news, IPO listing information
- Used External API's like Trading View, Finnhub.io to get real-time stock market data and charts
- Used JSON Web Tokens for user authentication and SCSS, material UI for styles

Donation Management System *Boston, MA*

Northeastern University *Dec 2022*

- Developed an application using Java, swing, and object-oriented programming for donation management which donors, organizations, and enterprises may use across various networks to effectively handle data
- Developed database to maintain all the information from donors, organizations, and businesses that can be retrieved by appropriate admin logins
- Implemented Email functionality in application to notify users on account creation and provide other updates

Package Delivery Service Web Application *Pune, India*

Capstone Project *Jan 2020*

- Built a fully functional package delivery application having various modules such as profile page, existing user login, agent login, new user registration, booking a pickup, tracking a shipment, payment gateway etc.
- Developed frontend of application using HTML/CSS, Angular and backend using ASP.Net Core webAPI