

# PARAG KHANKARI

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## Education

### Northeastern University

Sep 2022 – May 2024

*Masters in Information Systems, GPA: 3.33/4.00*

*Boston, MA*

Relevant Courses: Application Engineering Development, Data Science Engineering Methods, Web Designing/User

Experience Engineering, Software Quality and Control Management

### Modern Education Society College Of Engineering

Aug 2016 – Jun 2020

*Bachelors of Engineering in Computer Science, GPA: 7.99/10*

*Pune, MH*

Relevant Courses: Database Management Systems, Big Data Analytics, Data Structures, High Performance

Computing

## Technical Skills

**Languages:** Python, Java(SpringBoot), C, HTML/CSS, JavaScript, C++  
**Skills:** Data Structures, Machine Learning, Neural Networks  
**Databases:** MySQL, MongoDB, RDBMS, Oracle  
**Technologies:** Node.js, Angular, React, REST APIs, CSS, JSON, AWS Services  
**Tools:** VS, GIT, OracleDB, Postman,PowerBI,Remedy

## Experience

### Zensar Technologies Pvt Ltd

Nov 2020 – May 2022

*Jr Software Developer*

*Pune, MH*

- Contributed to the development of “FLEX” project, utilizing 4 .NET framework and C sharp language to build secure and scalable MVP (Minimum Viable Product) solution
- REST APIs were put into place to make it easier for front-end and back-end systems to communicate with one another, this gave about 40+ users better access to data
- Improved system performance by 20% and reduced response time by 20 sec optimizing database queries and implementing caching mechanisms
- Impacted the company by delivering high-quality MVP on time and within budget, which enabled Zensar Technologies to secure new clients and increase revenue by 15%
- Enhanced data and Visualize data using PowerBI and Remedy to support business decision-making improving efficiency by 30%

## Projects

### Ray of Hope | Java, AWS, SMTP, DBO4, Java EE, JFree Chart

Sep 2022 – Dec 2022

- Developed a Java application for interconnecting 18 organizations and 15+ networks using a digital ecosystem model
- Created a platform where a child’s basic needs, such as medical, food, and education, are met, as well as a platform where an adopter can register and adopt a child after passing background checks
- Integrated email alert feature using AWS simple email (SMTP) protocol and graphical report feature using JFree Chart

### Securing data in Distributed System using Blockchain | Java, Java Swing, MySql

Jul 2019 – May 2020

- Developed a decentralized platform that allows hospitals to securely store and share 1000+ patient data, while ensuring that sensitive information remains hidden
- Improving efficiency by 40% is a significant improvement and suggests that using Fuzzy ANN and clustering was effective in achieving better performance
- With this model, an accuracy of up to 90% was guaranteed.

### Object Detection using Convolutional Neural Network | JavaScript, Java, MySql

Jan 2019 – May 2019

- Devised an application that can detect 98% of objects through camera scanning
- Developed application “YOLO” using both Java and JavaScript in our application, we were able to achieve a 50% increase in efficiency while saving valuable time and resources
- Devised it in such a way that it was used for 15 different use cases, including detecting people in restricted areas