

# Dileep Kumar Shah

Boston | Massachusetts | 02130

🌐 diligentdev.space

✉️ shah.dile@northeastern.edu

🔗 dileeps861

☎️ +16177630377

in dileep-shah

Available: Co-op or Internship starting from January/ May 2022

## EDUCATION

### Northeastern University (Khoury College of Computer Sciences)

Boston, MA

MS in Computer Science, GPA: 4.0/4.0

Expected Graduation: Dec 2022

Related courses: Programming Design Paradigm, Foundation of Artificial Intelligence, Algorithms

### Rajiv Gandhi Proudyogiki Vishwavidyalaya

Bhopal, India

Bachelor of Engineering in Electrical Engineering, GPA: 8.11/10.0

June 2015

Related courses: Basic Computer Engineering, Java Programming, and C# .Net

## TECHNICAL KNOWLEDGE

Languages	Core Java, J2EE, Python, JavaScript, Node.js
Web technologies	HTML, CSS, Bootstrap, React, Angular
Frameworks	Hibernate, Spring boot, OAF, JPA
Database	Oracle, MySQL, SQL Server

## PROFESSIONAL EXPERIENCE

### Northeastern University

Boston, MA

Graduate Teaching Assistant

May 2021 - Jun 2021

- o Led and mentored student/s to understand and bolster object-oriented design and development concepts.
- o Conducted office hours and code review meetings to help students understand design decisions, reason for selecting a particular design, and suggesting appropriate good design.

### Oracle India Pvt. Ltd.

Hyderabad, India

Applications Engineer

Jul 2018 - Oct 2020

- o Revamped and upgraded concurrent programs to determine resources for a particular territory by recognizing, qualifying, and SQL tuning expensive SQL queries to expedite average process time by 50%, generating \$70 thousand yearly savings.
- o Formulated and implemented cancel transaction features to cancel a transaction with one click, eliminating manual adjustments by assimilating with more than 10 customers and higher management and presenting ideas to resolve complications. Enhanced features lessened workaround time from a day to a few minutes, saving on average \$30 thousand yearly.
- o Developed new enhanced features to boost territory management module's performance, working closely with customers, product managers, and senior management..

### Infosys Ltd.

Hyderabad, India

Senior Systems Engineer

Feb 2016 - Jul 2018

- o Delivered improved SSIS packages compared to some existing markets by implementing table lockups and merges, which conserved average data load time from 10 hours to 2 hours for approximately ten million records, which generated 1 million USD more revenue.
- o Transformed, Integrated, and engineered the machine learning based micro-services for product recommendation page, which boosted product sales twice by identifying individual customer's interests and recently viewed items producing approximately double profit.
- o Supervised a newly formed development team to deliver route optimization application's modules framework using Java, Angular, and web services structure resulting in more prominent client satisfaction.

## PROJECTS

### Image Processing Application

Jan 2021 - Apr 2021

- o Developed a secure image processing application incorporating an efficient design principle with reduced scope to manipulate code/data into application to facilitate image processing tasks such as blur, sharpen, pixilation, mosaic, and pattern generation.
- o The project incorporated advanced and optimal programming design concepts which enhanced code readability, modularity, and refactoring

### Detecting Power Grid synchronization failure

Jan 2015 - May 2015

- o Developed a system to detect the synchronization failure caused by any external supply source to power grids by sensing abnormalities in frequency and voltage.
- o The project was based on a micro-controller programming to monitor under/ over voltage Anomalies.

## INTERESTS/ACTIVITIES

- o Voluntarily Involved in Oracle NGO to donate blood, food, and clothes..
- o Captained cricket team and volunteered in Technical Festival organized at Undergrad College in year 2014.
- o Interested in trekking, travelling, and volunteering and community involvement.
- o Fluent in Hindi and English languages.