Dileep Shah

Boston | Massachusetts | 02130 | +16177630377 | shah.dile@northeastern.edu |
diligentdev.space | https://www.linkedin.com/in/dileep-shah/
Available: Co-op or Internship starting from January/ 2022

EDUCATION

Northeastern University, Boston, MA	Jan 2021– Present
Khoury College of Computer Sciences	Expected graduation: Dec 2022
Candidate for a Master of Science in Computer Science	GPA: 4.0/4.0

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

University of Mumbai, Mumbai, India	June 2015
Bachelor of Engineering in Information Technology,	GPA: 4.0/4.0

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

TECHNICAL KNOWLEDGE

Languages:	Java, Python, JavaScript
Databases:	MySQL, SQL Server, MongoDB, Oracle
Web technologies:	HTML, CSS, PHP, React, Angular
Frameworks:	Hibernate, Spring boot, OAF, JPA

WORK EXPERIENCE

Northeastern University, Boston, MA — May 2021 – June 2021

Graduate Teaching Assistant

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

Oracle India Pvt. Ltd., Hyderabad, India — July 2018 – Oct 2020

Applications Engineer

- 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%, and this new feature produced $70 thousand yearly savings.
- Formulated and implemented cancel transaction features to cancel a transaction with one click, eliminating the need for manually adjusting transactions by assimilating with more than 10 customers and higher management and presented ideas to resolve complications. Enhanced features lessened workaround time from a day to a few minutes, saving on average $30 thousand yearly.
- Developed new enhanced features to boost the territory management module's performance, working closely with customers, product managers, and senior management.

Infosys Ltd., Hyderabad, India — Feb 2016 – July 2018

Quality Associate

- Delivered the improved SSIS packages compared to the existing markets by implementing table lookups 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.
- Transformed Integrated and engineered the machine learning microservices-based product recommendation page, which boosted product sales twice by identifying the customer's interests and recently viewed items. This implementation approximately doubled the profit.
- 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, Java Swing application — Jan 2021 - May 2021

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