Dileep Shah

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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, Foundation of Artificial Intelligence, and Algorithms

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India   June 2015
Bachelor of Engineering in Electrical Engineering,   GPA: 8.11/10.0
Related courses: Basic Computer Engineering, Java Programming, and C# .Net

TECHNICAL KNOWLEDGE

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

WORK EXPERIENCE

Oracle India Pvt. Ltd., Hyderabad, India   Jul 2018 – Oct 2020
Applications Engineer

- Revamped and upgraded concurrent programs to determine resources for a particular territory by recognizing, qualifying, liaising with 3 different teams to extrapolate significances of impact, and SQL tuning expensive SQL queries, to expedite average process time from 20 hours to 3 hours and expected $70 thousand yearly saving.
- Formulated and implemented cancel transaction features to cancel a transaction with one click, eliminating need for manually adjustment of transactions by assimilating with more than 10 customers and higher management and presented idea to resolve complications. Enhanced feature lessened workaround time from a day to a few minutes, saving on average $30 thousand yearly.

Infosys Ltd., Hyderabad, India   Feb 2016 – Jul 2018
Senior Systems Engineer

- Integrated and engineered machine learning based micro-services for product recommendation application, boosting product sales by 15% by identifying customer's interests and recently viewed items, increasing profit for client by 5% per annum.
- Constructed a web application to determine most cost-effective routes for optimal utilization of consignment vehicles, resulting in shortened average delivery/pickup time by two hours, producing 20% faster delivery/ shipping compared to conventional shipping and vehicle tracking methods used by client.

PROJECTS

Image Processing Application, Java swing application   Jan 2021 – Apr 2021

- Developed a secure, efficiently designed, reduced code/ data manipulation scoped image processing application to facilitate tasks such as blur, sharpen, pixalation, mosaic, and pattern generation of an image.
- Incorporated advanced and optimal programming design concepts with enhanced code readability, modularity, and refactoring.

Detecting Power Grid synchronization failure   Aug 2015 – Dec 2015

- Developed a micro-controller based programmed system to detect synchronization failures caused by any external supply source to a power grid by sensing abnormalities in frequency and voltage.

INTERESTS/ACTIVITIES

- Received Honor degree in undergrad for excellence academic record.
- Captained cricket team and volunteered in Technical Festival organized at Undergrad College in year 2014.
- Voluntarily Involved in Oracle NGO to donate blood, food, and clothes.
- Interested in trekking, travelling, and volunteering and community involvement.