

Kunal Thapa

Boston, MA

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EDUCATION

Northeastern University, Boston, MA

Master of Science, Information Systems

Sept 2022 – May 2024 (Expected)

Relevant Coursework: Application Engineering Development, Database Management, and Database Design

The NorthCap University, Gurugram, HR, India

Bachelor of Technology, Computer Science & Engineering

Jul 2016 – Jun 2020

Relevant Coursework: Data Structures, Algorithm Design, and Analysis, Database Management Systems

TECHNICAL SKILLS

Languages:	Typescript, JAVA, Python, HTML, CSS
Databases:	MySQL, Sharepoint, Oracle Database
Public Cloud Platforms:	Google Cloud Platform
Certifications:	Managing Security in Google Cloud Platform (Coursera)
Frameworks:	Angular
Parallel Libraries:	NumPy, Pandas, SciPy, Seaborn, SciKit-Learn, TensorFlow, Keras, Swing
Tools:	VS Code, NetBeans, Microsoft Office, Angular Material, Power Automate, SPD

PROFESSIONAL EXPERIENCE

Ernst and Young Global Ltd., Gurugram, HR, India (Analyst)

Dec 2020 - Aug 2022

- Work closely with EY Ireland (Assurance) Team for developing their Centre of Excellence (COE) tool which is used by 28+ clients for Statutory Audit worldwide
- Work with the US OTS team on client chargeable engagements and provide support on the development of a proprietary tool developed on the SharePoint platform having the UI built with 348 components and counting using Angular which ensures a smooth transition during the M&A process for the clients
- Developed VCF card downloader as an internal site for effectively sharing self-contact information. The platform was created using the latest version of Angular with automatic power automate workflows of generated QR codes and VCF cards to the user

MakeMyTrip Pvt Ltd., Gurugram, HR, India (SDE Intern)

May 2018 - Jun 2018

- Implemented Flyfish website, an internal website of Make my trip for inspecting and revising the reviews stored in the database from users
- Rectified reviews and transferred them for further processing

ACADEMIC PROJECTS

Java Swing application for HR Officer (Java, NetBeans, Git, Java Swings)

Sept 2022

- Create, Read, Update, and Delete (CRUD) application for employee profile
- Search employee profiles from the employee directory based on different search options based on columns
- Display the photo when reading the employee profile

Emotion Recognition using Speech (Python, CNN, Jupyter, Power BI)

Nov 2019

- Implemented a CNN model for recognizing eight different emotions on a set of speech data that was given to the machine learning model in the form of Mel Power Spectrogram for recognition and analysis
- A confusion matrix was also printed for displaying the measure of accuracy in the results