

AMISHA KUMARI

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WORK EXPERIENCE

FULL STACK DEVELOPER

Development Bank of Singapore (DBS)

📅 Sept 2020 – Present

- Developed application using Object Oriented Programming **Java** and **J2EE technologies**
- Implemented designs into responsive HTML5/CSS3 templates, using React.js, Flux, Redux and Node.js to build single - page web application.

SOFTWARE ENGINEER INTERN

Honeywell, Bangalore, India

📅 Feb 2020 – July 2020

- Contributed in developing Aviation Speech Recognition Engine using artificial intelligence

SOFTWARE TRAINEE

Flipkart, India

📅 Oct 2019 – Dec 2019

- Got trained in industry-relevant technology skillsets through a curriculum delivered by technologists from Flipkart

WEB DEVELOPER

Collegedunia Private Limited

📅 Jun 2019 – July 2019

- Build re-usable code for future use by ensuring the technical feasibility of UI designs.

PROJECTS

NOTAM (Notice to Airmen) PARSER FOR AVIATION

📅 Jan 2020 – July 2020

Introduction: It extracts useful information from NOTAM and stores it in the database.

Enabled with a query module, where we can perform SQL queries in natural language to fetch information which is relevant to the flight and can visualize it in 3D.

Objective: Alerting pilots to hazards along their routes (in the air and on the ground).

RESUME SHORTLISTING ENGINE

📅 Aug 2019 – Oct 2019

Prof. Hitesh Jangir

Introduction: An NLP framework to accurately structuring the job descriptions.

Objective: Encourage diversity and reduce unconscious bias from job bulletins.

VIRTUAL CONTROLLER USING HAND GESTURES

📅 Aug 2018 – Nov 2018

Prof. Puneet Gupta

Introduction: It is a “Zero Cost” hand recognition system for laptops, which determine the hand movements by assigning an action for each movement.

Description: Includes virtual mouse and virtual keyboard (using CV2 module).

Objective: No use of hardware hence reduced cost.

MINI PROJECTS

- Notepad (pure Java based)
- Bug Tracker
- Demonstration of Input Buffering for efficient working of Lexical Analyzer

ACHIEVEMENTS

- 2019 **Asia & Pacific Region Rank- 95 (IEEE XTREME 13.0 Hackathon)**
- 2018 Secured 2nd position in MUST WIE Women Coding Competition
- 2018 Secured 1st position in Hacking Competition organized by i3indya
- 2014 Selected as Kishore Vaigyanik Protsahan Yojana (**KVPY**) Fellow
- 2013 Winner of **Gargi Award** (GA Scheme Rajasthan)

ACADAMIC DETAILS

🎓 Bachelor of Technology Computer Science & Engineering
SET, Mody University, Sikar

📅 2016 -2020
(Full-ride Scholarship)

RESEARCH

Finding Hidden Signature Information in Human Gait using Machine Learning.
(ongoing)

HACKATHONS

DBS HACK2HIRE [Runner-up]

Developed a python-based Investment Recommendation Engine

CLUB MAHINDRA [Rank 14/4231]

Performed statistical analysis (ANOVA Analysis). Developed in depth features using categorical variables. Used Random forest regression.

AmExpert decipher [Rank 30/1708]

Women ML Hackathon
Packages Used: dplyr - 0.8.3, ggplot2-3.2.0, caret- 6.0-84, randomForest.

DS FINHACK [Rank38/5447]

Developed a model for “LTFS Loan Default Prediction”. Used logistic classification with grid search.

TECHNICAL SKILLS

Data Structures REST Web Services
Java CPP C HTML5 CSS
MySQL Database Big Data Hadoop
Node.JS JavaScript React JS

CERTIFICATIONS

- Professional Full Stack Web Developer: Nanodegree Certification
- React Certification: Full Stack Development
- MariaDB Database Certified