



Ayush Ranjan

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WORK EXPERIENCE

Associate Consultant

Capgemini Technology Services India Limited

10/2022 - Present

Mumbai, India

Client - Mercedes-Benz Research & Development India

- Role : Java Developer
- Got recognised for my impact and was the first one in our Java Internship batch to get promoted.
- Responsible for software analysis, designing, implementing and maintaining Java application features.

Senior Analyst

Capgemini Technology Services India Limited

07/2021 - 10/2022

Mumbai, India

Client - Mercedes-Benz Research & Development India

- Role : Java Developer
- Conducted software analysis, programming, testing, and debugging. Wrote well-designed, efficient and testable code.
- Implemented and presented innovation idea to replace an existing functionality which can reduce client dependency on specific internal feature. This idea got 3rd place among 60 groups for Innocircle 2022, a Mercedes Internal Innovation Forum

Senior Analyst Intern

Capgemini Technology Services India Limited

01/2021 - 05/2021

Pune, India

Role : Full Stack Java Developer with React

- Was class representative of a team of 60 and was team lead for a group of 6.
- Created a medical portal. Backend was developed in Spring Boot while the frontend was done using React. Integration was done using Axios.

EDUCATION

BTech - Information Technology

Manipal University Jaipur, Jaipur, India

07/2017 - 06/2021

Secured 8.03 CGPA in a scale of 10

Few Selected Courses

- Data Structure, Object Oriented Programming in Java, Design and Analysis of Algorithm, Software Engineering and Project Management, Advance Data Structure, Python Programming, Relational Database Management System

All India Senior School Certificate Examination (AISSCE)

Shiv Jyoti Sr. Sec. School Rathkankara Kota Raj

04/2015 - 05/2016

67.6%

All India Secondary School Examination

Pitts Modern School, Gomia

04/2013 - 04/2014

Secured 9.6 CGPA in a scale of 10

LANGUAGES/Framework/TOOLS

Java

Python

C

SQL

JavaScript

Git

Spring Boot

React

Azure

Deep Learning

Py-torch

Keras

CSS

HTML

PROJECTS

Sentiment Analysis using CNN (01/2020 - 05/2020)

- Implemented a neural network model using CNN to analyse the sentiment of Text.
- Got an accuracy of 87 % on IMDB test data and this project earned me A+ grade in my Minor Project.

Covid-19 Detection from CT-Scan (05/2020 - 06/2020)

- Implemented Convolutional Neural Network in Keras on CT dataset of just 350 Ct-Images of 219 peoples to identify covid and non covid patients used 4 convolutional layer followed by Max-pooling. To calculate loss, I used binary cross-entropy. Used data augmentation and dropout to tackle overfitting.

Facial Attendance System (08/2019 - 11/2019)

- Developed a facial attendance system which when detects a known person will add his/her name to an attendance file for that day along with the date and time.

Avoid-Obstacle Game (11/2019 - 01/2020)

- Developed a game in Python in which we can move the character left and right, to avoid collision with the blocks whose size keeps on changing. The speed of the block is increased by a factor of 2 every time one avoids it.

Personal Website using React (06/2021)

- Designed, developed and hosted a website made using React, Bootstrap, HTML, CSS and JavaScript on Github.

AWARDS AND CERTIFICATES

AZ-900 Certification (2022)

Passed Azure 900 Certification. Secured 940/1000.

Java Certification by HackerRank (2021)

Java Level - Basic Certification

Introduction to Compiler Certification (2019)

An Udemy course on how construction and design of compiler actually happens.

SQL Fundamentals by SoloLearn (2019)

A course on SQL scripting and how to fetch conditional data from databases.

Java For Android and Android App Components | Vanderbilt University (2018)

successfully completed Java For Android Course and Android App Components - Intents, Activities and Broadcast Receivers course.

Gold Medal | Science Olympiad Foundation (SOF) : (2014)

Awarded Gold Medal (School Topper) for 16th National Science Olympiad. International Rank -633.

Bronze Medal | Science Olympiad Foundation (SOF) : (2013)

Awarded Bronze Medal (School Level) for 2nd International English Olympiad.

Silver Medal | Science Olympiad Foundation (SOF) : (2013)

Awarded Silver Medal (2nd in School, International Rank - 196) for 15th National Science Olympiad.

Gold Medal | Science Olympiad Foundation (SOF) (2012)

Awarded Gold Medal (School Topper) for 13th National Science Olympiad.