






MAHESH KUMAR

SOFTWARE DEVELOPER • FRONTEND DEVELOPER • UI/UX DESIGNER

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WORK EXPERIENCE

ANDROID APPLICATION DEVELOPMENT INTERN @ ELGOEXPERTS July 2023

- Developing a note-taking app that allows users to create, edit and delete notes, implemented features like search and categorization, improving search speed by 40%. This project will involve data storage, input handling a database of over 1,000 notes.
- Build an app that fetches movie data from an API and information about popular movies and upcoming releases, showcasing a database of over 10,000 movies. This project involves network requests, JSON parsing and displaying data in a visually appealing manner.
- Experienced Working in a Professional Environment, with a Team Virtually.

Android Studio UI Design API Java .NET Kotlin React Native JSON Data Visualisation

GOOGLE CLOUD ARCADE FACILITATOR @ GOOGLE CLOUD QWIKLABS May 2023 - Aug 2023

- Working on various Cloud Technologies, like IAM policies, Data Monitoring and Visualization.
- Managing Virtual Machines on cloud, SMB Workloads and Optimizing Storage Usage with NetApp BlueXP & Cloud Volumes ONTAP.
- Operating on CLI's, Creating Storage Buckets, Insights from Data with BigQuery, Exploring Data with Looker, Integrating Machine Learning APIs.

Data Visualisation Data Management Data Analysis Raw token data Google Cloud

SOCIAL SUMMER OF CODE (SSOC) SEASON 2 @ SOCIAL(SCRIPT FOUNDATION) May 2023 - july 2023

- Actively participated in the Social Summer of Code program, contributing to the development of an open-source project.
- Collaborated effectively with a remote team, providing valuable insights and suggestions during project discussions.
- Demonstrated proficiency in Git for version control and smooth collaboration within the project.

Project Management Collaboration Open-source Version control

CAMPUS AMBASSADOR @ DEVTOWN Jun 2022 - Jul 2022

- Promoting the organization, its vision, values and services among fellow students on the campus.
- Organizing and promoting events, workshops, seminars, webinars and social gatherings.

Communication skills Powerpoint Handle Pressure Community Management

ACHIEVEMENTS & CERTIFICATIONS

- Clearence to 2nd round of Times Spark 
Read to Learn (TIMES OF INDIA)
- introduction to C++ 
CODING NINJA
- Advanced C++
UDACITY
- Data Structures and Algorithms in Python
UDACITY | by Google
- CEPTA workshop 
Angular
- SAMBHAV
e - NLAP | Enterprise Resource Planning, Businesses Process Re-engineering 
- Microsoft learn Student Ambassador 
Instagram Clone | Project
- Google developer Student Club 
Instagram Clone | Project

EDUCATION

BACHELOR OF TECHNOLOGY | CSE
G.L. Bajaj Institute of Technology and Management
2020 - 2024 | 82.66%

INTERMEDIATE | Science
Army public school, Allahabad
2019 - 2020 | 89%

SKILLS

- C++
- C
- PYTHON
- FRONT-END
- WEB APPLICATIONS,
- R (worked with)
- MYSQL
- GIT
- GITHUB
- Logical Thinking
- Problem-Solving
- Computer Literacy
- Strong Communication
- Java Server Pages
- JavA

PROJECTS

VOLUME CONTROL USING HAND GESTURES AND RECOGNITIONS Python | Aug 2021

- Developed a volume control system using hand gesture and recognition technology.
- Implemented machine learning algorithms for accurate hand gesture recognition.
- users can simply wave their hand to increase or decrease the volume without having to physically touch any buttons or knobs.

Python OpenCV Computer Vision Problem Solving

GENDER RECOGNITION USING VOICE Python, R | Aug 2021

- Developed a gender recognition system using voice as the primary input.
- Trained the system using a large dataset of male and female voice samples to improve accuracy.

Machine Learning Python R Data Collection Data Science
Data Analysis Research and Analysis

2D RAY TRACING HTML, CSS, JS | Aug 2021

- Implemented ray casting to simulate the behavior of light rays, determining which objects are visible and where shadows fall
- Used vector math to calculate ray-object intersections and determine the direction of reflected rays,