

APOORV BHATNAGAR

EDUCATION

B.Tech in Computer Science and Systems Engineering, KIIT DU 8.27 CGPA 2020-2024

PROFESSIONAL EXPERIENCE

Quest Global - Intern; Bengaluru, Karnataka May 2023 - July 2023

- Embedded Application development
 - Coordinated with a **team of 3** in creation of new **user interface displays** using **C/C++**.
 - Acquired basic learning's in **API integration** in applications and their sub-systems.
 - Conducted **debugging and testing** to ensure feature reliability and compliance.
 - Contributed to the creation and refinement of **High-Level Design (HLD)** documentation.

ShareX Industries - Intern; Rajasthan May 2022 - July 2022

- Single Page Application (SPA) development for Ed-Tech platform
 - Implemented a dynamic responsive user interface using **React.js** for various screen sizes and devices.
 - Utilized **Context API/Redux** for state management, reducing re-renders and enhancing performance.
 - Contributed to optimizing web performance using lazy loading, code splitting, and client-side rendering techniques.
 - Developed proficiency in deploying and managing web applications on cloud platforms.

SKILLS

Languages: C, C++, Python, JavaScript (ES6+)

Framework/Libraries: Pandas, Matplotlib, Scikit-Learn, Keras, PyTorch, Tensorflow

Cloud Platform: Aws (Route53, SES, EC2, VPC, S3)

Deployment & Version Control: Docker, Git, GitHub, Jira

Software's: Visual Studio code, Git, CAT Studio, CMake, aboot, POSTMAN, Wireshark

Soft Skills: Problem-Solving, Communication, Team Collaboration, Adaptability, Project Management

PROJECTS

Handwritten Character Recognition with Neural Networking	<ul style="list-style-type: none">• Achieved 98% of test accuracy in Character Recognition• Developed/modelled an algorithm using neural networks• Measured and validated against a diverse and most popular character dataset
Garbage Collector	<ul style="list-style-type: none">• Developed a comprehensive Memory Leak Detector (MLD) tool for C programs easily extendable to C++ as well.• Utilized debugging tools to analyse memory usage, detect memory leaks and pinpoint issues within C programs• Measured the success of the project by systematically identifying and rectifying memory leaks using MLD library reports

CERTIFICATIONS

- | | |
|--|-------------------------------------|
| • AWS Academy Cloud Security Foundations | • AWS Academy Introduction to Cloud |
| • Git and GitHub (Udemy) | • Problem Solving (Hacker Rank) |
| • Neural Networks and Deep Learning | • Improving Deep Neural Networks |

EXTRA CURRICULAR ACTIVITIES

- **Gold Medalist** in Roller Skating and **Silver medalist** in Roller Hockey at National Championships 2017
- **2 x State Champion** in Roller Skating 2016,2017
- **2 x Captain** of Roller Hockey Team 2017,2018
- Participated and won at various Road Cycling and off-road cycling competitions 2017,2018
- Participated and won at various **district level and inter school** swimming competitions 2018,2019
- Third Place finisher in competitive Triathlon event 2018
- University Swimming Team player, selected to represent Odisha in **Khelo India Games** 2023