Surbhi Jain

Roll No.:214101066
M.Tech - Computer Science and Engineering
Indian Institute Of Technology, Guwahati

+91-7737281009
surbhijain@iitg.ac.in
jain.surbhi2112@gmail.com
Github | Website
linkedin.com/in/surbhi2112

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech	Indian Institute of Technology, Guwahati	8.78 (Current)	2021-Present
B.Tech	Banasthali University	79.07 %	2013-17
Senior Secondary	RBSC Board	87.6%	2013
Secondary	RBSC Board	79.07%	2011

EXPERIENCE

- **Software Engineer at Accenture**   *Jan 2018 - August 2021*
  Application Development Analyst

  Role : SAP PI/PO Developer ; **Client** : AMPOL (previously know as CALTEX)
  - Involved in all phases of the life cycle implementation, including blueprinting, mapping, prototype, design, configuration, testing, go-live
  - Responsible for all the critical changes in SAP PI during re branding from CALTEX to AMPOL which includes creating new interfaces and changes in all existing interfaces.
  - Responsible for makning any changes in interface and for error or alert handling.
  - Responsible for analyzing and resolving the critical issues in the production and development of new objects requested by users.

PROJECTS

- **Data Layout Transformation for data intensive applications**   *Ongoing*
  Dr. Aryabartta Sahu,Associate Professor, IIT Guwahati
  - This project aims at improving the performance of data intensive applications(eg. ML Applications) by transforming the way data is stored in memory (data layout) so that they can be accessed faster.

- **Course Project | Speech Based Interactive Quiz**   *Nov. 2021 - Dec. 2021*
  Dr. Pradip K. Das, Professor, Dept. of CSE, IIT Guwahati   Github
  - Developed a speech-based system that recognizes the option or answer spoken by the user and then show whether choosen answer is correct or not.
  - Recognition was done with the help of LPC coefficients and Hidden Markov Model was developed from scratch in C++. Users can also add new words to this system live
  - **Tools and Technologies Used** : C++, MS Visual Studio, Cool Edit

TECHNICAL SKILLS

- **Programming**: C/C++, Java,Python*
- **Frameworks**: Spring MVC , Hibernate , JPA   ** Elementary proficiency*

KEY COURSES TAKEN

- Design and Analysis of Algorithms
- Database Management System
- Operating System
- Data Structures Lab
- Speech Processing
- Computer Networks

ACHIEVEMENTS

- **Special Prize 200 USD**,Ranked in Top 10 Position in Global Hackathon Organised by PAN IIT Association for developing IOT Based Automated Hydroponics System   *2021*
- **Cash Rewards**,Ranked 2nd in Hackathon organised by Research and Industrial Conclave 2022, IIT Guwahati for developing Covid Managment Dashboard and MS Teams Chatbot   *2022*
- **Cash Rewards**,**Winner** at Tech Talk organised by Research and Industrial Conclave 2022, IIT Guwahati   *2022*
- **1st Position**,Ranked 1st among 700 participants in Green Field Technical Training exam at Accenture   *2018*
- **6th Position**,Ranked 6th in District, Rajasthan State Board in Senior Secondary class   *2013*

EXTRACURRICULARS

- **Mentor**,Mentored in SIH 2022 for the category Effective Mentorship for the Entrepreneurial Activities   *2022*
- **Lead of Project GPTW Team**,Organized Fun Friday,Learning Sessions and Other activities   *2018-2021*
- **National Social Service (NSS)**,Leaded team for the development of Remote Villages and other activities   *2013*