Rahul Bhaskar

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SUMMARY

I am a Computer Science student passionate about problem-solving, software development, and exploring innovative technologies.I am eager to learn, grow, and contribute in the field of technology, whether through cybersecurity,software development, database management, or UI/UX design.

TECHNICAL SKILLS

Languages:C,JAVA,HDL(Verilog)   **Web design:** HTML,CSS,JS
Database: SQL,MySQL   **Tools:** Git, VSCode,Kali Linux,MobaXterm, AutoCAD, Quartus Prime

EDUCATION

Birla Institute of Technology and Sciences, Pilani, Dubai Campus (BPDC)|2023-Present
Bachelor of Engineering, BE , Computer Science

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Discrete Structures for Computer Science, Object Oriented Programming, Logic in Computer Science, Digital Design,Microprocessors and Interfacing.

Labour India Gurukulam Public School, Kottayam | 2021-2023
High School Grade 11-12

- Studied Mathematics, Physics, Chemistry

Leaders Private School, Sharjah| 2009-2021
KG- Grade 10

- Completed primary and secondary education (KG to Grade 10) building a strong foundation in academics, problem-solving, and extracurricular activities."

LEADERSHIP EXPERIENCE

Mental Health Ambassador,BPDC | Nov 2024 - Present
Student welfare Department, BITS Pilani Dubai

- Co-Founder, UNWIND (Mental Health Awareness Club of BPDC)
- Committed to overseeing the development and implementation of initiatives focused on mental well-being and acts as the first point of contact for students in need of help or guidance.

PROJECTS

- **AI-Powered Mental Health Chatbot | Feb 2025**
-Designed and deployed a mental health support chatbot on Vercel, using HTML, CSS, and JS for the website and incorporated natural language processing to offer personalized guidance and resources.

- **Bank Management System using JAVA | Dec 2024**
-Implemented various tasks of a real world banking system, featuring a user-friendly GUI with Java Swing and ensured secure data handling through password encryption and efficient database management.

- **A Framework Based on Probabilistic Soft Logic and Neural Network for NLP| Dec 2024**
-Research Paper and Presentation

- **Elon Musk's Neuralink: A Comprehensive Analysis of Safety, Security, and Scalability for Widespread Use | Dec 2023**
- Research Paper and Presentation.

ACCOMPLISHMENTS

- **Winner of 'GEM IT RIGHT**' - An **IEEE** BPDC club event where competitive prompt based problem solving in leetcode.
- **Merit-Based Scholarship**,BITS Pilani Dubai – Awarded during admission for outstanding academic performance.