

VIKASH BHARAL

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EDUCATION

I.K Gujral Punjab Technical University, Kapurthala

B.Tech in Computer Science and Engineering

2022 - 26

9.3

EXPERIENCE

Hopingminds

Artificial Intelligence/ Machine Learning Intern

Chandigarh, Punjab

June 2024 – July

- Developed a fully responsive website using React.js, Tailwind CSS, and Firebase authentication.
- Developed and deployed machine learning models, including Heart Disease Prediction and Software Developer Salary Prediction and created an intuitive UI for the salary prediction model using Streamlit.
- Enhanced model accuracy and reliability through rigorous testing and optimization.
- Strengthened skills in AI/ML and full-stack development through practical experience and collaboration.

PROJECTS

SPRINTDIGITAL

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- Developed a fully responsive digital marketing website using React.js and Tailwind CSS.
- Implemented user-friendly interfaces and real-time data updates for enhanced engagement.
- Collaborated with a team to optimize and ensure cross-browser compatibility.
- Deployed the application for reliable performance and scalability.

PTU STUDY ZONE

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- It aims to enhance the academic experience by fostering collaboration and knowledge sharing.
- Involves researching student needs, acquiring educational content, developing a user-friendly platform.
- Features: Access notes, PYQs, syllabus, books, YT Channels.

CHILDMINDWELL

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- It's aim is to enhance children's mental well-being and promote their overall mental health..
- Helps caregivers support children's mental well-being with screenings, guidance, articles, and a supportive community.
- Features : Screenings, guidance, articles, dashboards, channels, and sessions.

TECHNICAL SKILLS AND INTERESTS

Languages: JavaScript, HTML, CSS, Python, C/C++

Frameworks/Libraries: React.js, Node.js, Express.js, TensorFlow, scikit-learn

Databases: MongoDB, Firebase

Tools: Git, Postman, Jupyter Notebook, Streamlit

Design: Tailwind CSS, Bootstrap, Canva

Concepts: Machine Learning, Data Structures, Algorithms, RESTful APIs, OOP'S, Operating System

POSITION OF RESPONSIBILITY

Bizarre Coders - Core Team Member

June 2024 - Present

GDSC IKGPTU - Web Development Core Team Member

Aug 2024 - Present

ACHIEVEMENTS

ByteBattle Hackathon - 1st Position in ByteBattle Web Development Hackathon.

Participated in GirlScript Summer of Code (GSSoC) - Contributed to diversity in tech, hands-on open-source experience.

100+ Questions on Leetcode - Achieved proficiency in data structures and algorithms.