

CONTACT INFORMATION

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ABOUT ME

I am a dedicated Computer Science graduate and UI/UX enthusiast with hands-on experience in frontend development. I studied Human Computer Interaction during my bachelors' degree which boosted my interest in this domain. During my internship at IIT Ropar, I developed intuitive web interfaces to improve environmental data accessibility. My work focuses on enhancing user experience and usability through thoughtful design. Aspiring to pursue a Ph.D. in UI/UX and Interaction Design to contribute to innovative, inclusive, and user-centric digital solutions.

EDUCATION

Giani Zail Singh Campus College of Engineering and Technology, Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab, India
Department of Computer Science & Engineering
B. Tech (Computer Science and Engineering): 2020 – 2024.
Relevant Work Course: HCI, OOPS, DSA, AI
CGPA: 7.53/10

SBL Senior Secondary School, Barnala, Punjab, India
Intermediate (non-medical): 2019 – 2020.
Percentage: 89/100

SBL Senior Secondary School, Barnala, Punjab, India
Matric (Science, Mathematics, English, Social Science, Punjabi): 2017 – 2018.
Percentage: 92/100

PROFESSIONAL EXPERIENCE

Indian Institute of Technology (IIT)- Ropar, India
Front-end Developer Intern **February 2024 - June 2024**
Location: Ropar

During my internship at IIT Ropar, I developed a Flutter-based web interface for the Biodiversity Sensor Project, focusing on real-time data visualization and accessibility. I designed intuitive dashboards to display environmental data, ensuring seamless user interaction and usability. My work involved optimizing UI responsiveness, integrating interactive data filters, and enhancing the presentation of sensor-collected information for researchers. This experience strengthened my expertise in front-end development, user experience design, and data-driven interface optimization.

BCE, Bathinda, Punjab, India
MERN Stack Trainee **August 2023 - November 2023**
Location: Bathinda

During my training at BCE as a MERN Stack trainee, I focused on building dynamic and user-friendly web applications, enhancing user experience through responsive and interactive designs. I gained hands-on experience in front-end and back-end development using React.js, Node.js, Express.js, and MongoDB. This experience improved my ability to create seamless interfaces, optimize performance, and develop scalable web solutions while ensuring a smooth user experience.

Infowiz, India*MERN Stack Trainee***June 2023 - August 2023****Location: Bathinda**

During my training at INFOWIZ, I learned the basics of the MERN Stack. I explored fundamental concepts of MongoDB, Express.js, React.js, Node.js understanding how these technologies work together to build dynamic web applications.

BCE, Bathinda, Punjab, India*Full Stack Trainee***June 2022 - August 2022****Location: Bathinda**

During my training at BCE, I gained hands-on experience in full-stack web development using HTML, CSS, JavaScript, jQuery, MySQL, Bootstrap, and Node.js. I worked on building dynamic and responsive web applications, focusing on front-end design and back-end functionality. Through this experience, I developed skills in creating interactive user interfaces, managing databases, and implementing server-side logic, enhancing both performance and user experience in web solutions.

CERTIFICATES**iHub AWADH - IIT, Ropar***Frontend Developer Intern*[View](#)**BCE, Sun Soft Technologies***Full Stack Web Development using Node.js*[View](#)**Infowiz***MERN Stack Development*[View](#)**WEB ARTICLE**

Arshdeep Kaur (2025). *AR/VR: The Future Where Reality Becomes Optional*
LinkedIn Article.

Arshdeep Kaur (2024). *Unlocking Business Efficiency with ERP Modules*.
LinkedIn Article.

PROJECTS**My Portfolio**<https://arshdeepkaur001.github.io/portfolio/>**Medcare (for donation of unused medicines to reduce biomedical waste)**<https://github.com/arshdeepkaur001/MedCare>**Advance Tech (Flutter based website for real time data visualization)**<https://github.com/arshdeepkaur001/Advance-tech>**COMPUTER
SCIENCE SKILLS****Languages Known:** HTML, CSS, JavaScript, jQuery, Dart, C++**Development Tools:** VS Code, Postman, GitHub**Web Development Frameworks & Libraries:** React.js, Node.js, Express.js

Operating System: Windows, Linux

Database Management: MySQL, MongoDB

Design & Prototyping: Canva

**VOLUNTEERING
EXPERIENCE**

Pehchaan- Ek Safar

Education Volunteer

May 2024 - June 2024

Conducted free classes for underprivileged students, ensuring access to quality education and mentoring them in their academic growth.

REFERENCES

Prof. (Dr.) Paramjeet Singh

Professor and Head of Department

Department of Computer Science, Giani Zail Singh Campus College of Engineering,

Maharaja Ranjit Singh Punjab Technical University, Bathinda, Punjab, India

Email: param2009@mrsptu.ac.in

Prof. (Dr.) Dinesh Kumar

Professor

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Prof. (Dr.) Harpreet Singh

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