

HARVINDER KAUR

✉ harvin5kaur@gmail.com | ☎ 346-678-2398 | 📍 Apt 707, Marsh Ln, Dallas, TX

GitHub: HarvinderKaur04 | LinkedIn: Harvinder Kaur

PROFESSIONAL SUMMARY

Full-Stack Developer with over 10 years of experience spanning software development, technical instruction, and project mentorship. Proficient in building responsive, scalable applications using the MERN stack and Python. Experienced in automating workflows, developing RESTful APIs, and leading teams in project execution. Committed to clean, maintainable code and staying current with modern development practices.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, SQL, Visual Basic

Frontend: HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React.js

Backend: Node.js, Express.js.

Databases: MongoDB, MySQL, Oracle, SQL Server, MS Access

Tools & Platforms: Git, VS Code, Dreamweaver, Adobe Photoshop, MS Office

Other: XML, ASP, VBScript

PROFESSIONAL EXPERIENCE

Lecturer / Full Stack Web Developer.

Vishveshvaranand Vedic Research Institute, Hoshiarpur (Jan 2010 – Jan 2024)

- Delivered programming instruction in C, C++, Java, Python, and modern web technologies.
- Mentored over 300 students in developing and deploying full-stack applications.
- Led web development and scripting sessions using the MERN stack and Python.
- Developed and maintained automation tools and internal systems.
- Guided live projects aligned with real-world industry needs.
- Promoted tools such as Git and cloud platforms to enhance student projects.

PROJECTS

DreamWay– Travel Listing Web App (Airbnb Clone)

Stack: MongoDB, Express.js, Node.js, EJS, Passport.js

- Built a full-stack application featuring CRUD operations for listings and reviews.
- Enabled secure user authentication using Passport.js with session persistence.
- Integrated Cloudinary for image uploads and Mapbox for dynamic maps.
- Applied Joi for data validation and Multer for file handling.
- Designed responsive UI using EJS with server-side rendering.

VyaparaX -Online platform to invest in stocks, derivatives, mutual funds, ETFs, bonds, and more

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Student Records Management System

- Java | MS SQL Server
- Built a system to manage student data, attendance, and academic records.

Institutional Website – www.vvrinstitute.com

- HTML | CSS | Dreamweaver
- Designed and deployed the official institute website.

Python Projects

- Created automated reporting tools using Python.
- Developed REST APIs using Flask.
- Analyzed academic data for performance trends.

MERN Stack Applications

- Built multiple live full-stack applications with React, Express, Node, and MongoDB.

EDUCATION

M.Sc. in Information Technology – Dr. C.V. Raman University (2014)

PGDCA – Indira Gandhi National Open University (2011)

B.A. – Punjab University, Chandigarh (2010)

ADDITIONAL SKILLS

- Strong grasp of Data Structures & Algorithms
- Python scripting and process automation
- API development, version control, and deployment best practices

LANGUAGES

English | Hindi | Punjabi