

Jasmeen Vohra

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OBJECTIVE

Aspiring to become a Software Engineer with a strong foundation in Computer Science and a passion for solving complex problems through innovative technology solutions. Self-motivated and academically accomplished possessing excellent technical skills including **full stack web development, machine learning and deep learning**. Seeking an entry-level software engineering role to contribute my passion for coding, strong analytical abilities, and commitment to learning and growth while collaborating with a diverse team of professionals.

EDUCATION

B. TECH Computer Science and Engineering

Dec 2020-Present

Guru Gobind Singh Indraprastha University

CGPA: **9.55 (CSE DEPARTMENTAL RANKER 1)**

Course Work: Data Structures and Algorithms, Database and Management Systems, Object Oriented Programming

High School Graduate

2007-2019

St. Thomas' School Mandir Marg, New Delhi

Percentage: 95

Course Work: Physics, Chemistry, Mathematics, Computer Science

PROJECTS

dApp Skill- An Academic Skill Verification and Management System using Blockchain.

- Developed an innovative academic record management system powered by Ethereum blockchain.
- Leveraged Solidity to create smart contracts and implemented user-friendly front-end using React.js.
- Integrated Metamask for secure wallet management simplifying user interaction with Ethereum Blockchain.
- Conducted local development and testing using Ganache and Truffle. [\[link\]](#)

Task Manager

- Developed a feature-rich web application using the MEAN stack (MongoDB, Express.js, Angular, Node.js) for efficient task and to-do list management.
- Implemented user authentication, allowing secure registration and login for users.
- Designed an intuitive user interface with Angular for seamless task management experience.
- Employed MongoDB and Mongoose for data storage and modelling, ensuring reliable task data.
- Created RESTful API endpoints using Express.js for CRUD operations on tasks. [\[link\]](#)

PyMusic- An Automatic Music Generator

- Developed a music generation project using Long Short-Term Memory (LSTM) Recurrent neural network.
- Used the Maestro Dataset and preprocessed the piano MIDI files extracting information about notes, pitch.
- Integrated Python, TensorFlow, and Keras to create a music generation engine. [\[link\]](#)

Portfolio Website

- An online showcase of my projects, professional work, skills, and achievements.
- Utilized HTML, CSS, and JavaScript to establish a personal brand as a skilled professional.
- Complements traditional resume by providing a more detailed look at projects, skills, and experiences.

[\[link\]](#)

WORK EXPERIENCE & TRAININGS

PLATINA SOFTWARE PVT. LTD. (Web Development Intern)

Aug 2023-Present

- Developing a user-friendly educational website using React.js.
- Curating and organizing diverse learning resources (videos, tutorials, articles) in one place.
- Implementing secure user authentication and personalized user experiences.
- Designing a robust search and navigation system for easy content discovery.

SUMMER TRAINING: MACHINE LEARNING & DEEP LEARNING

Aug 2022- Sep 2022

Bharati Vidyapeeth's College of Engineering, New Delhi

- Utilized Python and popular machine learning frameworks, such as TensorFlow and Scikit-learn, to build and deploy ML/DL models.

SKILLS

Programming Languages: C++, Python, C, SQL, JavaScript

Front-end Technologies: HTML5, CSS, Bootstrap, Angular

Back-end Technologies: Node.js, Express.js

Database Management: MongoDB, MySQL, PostgreSQL, Oracle SQL

Version Control: Git, GitHub

Problem Solving: Data Structures and Algorithms

Machine Learning/ Deep Learning and Data Analytics: Numpy, Pandas, Matplotlib, Seaborn, SQL, TensorFlow, Keras

Tools: Visual Studio Code, MySQL, MS-Suite, Canva, GIT, StarUML, Jupyter Lab, Atom, Google COLAB

Soft Skills: Communication, Multitasking, Leadership, Presentation, Management, Analysis, Research

ACHIEVEMENTS

- Departmental Ranker 1, CSE DEPARTMENT
- Smart India Hackathon 2022: Nominated Team
- HackerRank 5 stars in C++, SQL
- Merit holder (2010-2019), *St. Thomas' School, New Delhi*
- 5 Years Cent Percent Attendance Memorial Award Winner (2011-2015), *St. Thomas' School, New Delhi*

VOLUNTEERING EXPERIENCE

- Student Placement Coordinator, CSE Dept. BVCOE
- Student Volunteer- National Service Scheme (NSS)
- BVPIEEE-Robotics and Automation Society, Student Representative

Mar 2023-Present

Mar 2022

AY. 2021-2022