

Sachin Vishwakarma

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EDUCATION

Lovely Professional University

Bachelors of Tech in Computer Science and Engineering

Phagwara, Punjab

Aug. 2021 – May 2025

Courses : *Object Oriented Programming (C++)*, *Computer Programming (C)*, *Python Programming*, *Programming in JAVA*, *Data Structure & Algorithm*, *Design & Analysis of Algorithms*, *Database Management System*, *Computer Networks*, *Computer Organization & Design*, *Software Engineering*, *Operating Systems*, *Discrete Mathematics*, *Probability & Statistics*

Rainbow Modern School

Intermediate

Varanasi, Uttar Pradesh

May, 2021

EXPERIENCE & TRAINING

Java Full Stack Development Training & Project

June 2024 – July 2024

College, under Dinesh Kumar Sir

Punjab, India

- Developed front-end using **HTML**, **CSS**, **JavaScript**, and **React** built back-end with **Core Java**, **Spring**, and **Hibernate**
- Managed MySQL databases; utilized **Maven**, **Git**, and **RESTful APIs** for project management and development
- Created a comprehensive Student Result Management System using **Java**, **JSP**, **Tomcat**, and **MySQL** seamlessly integrating front-end and back-end components to demonstrate independent project execution and full-stack development proficiency.

The Urban Learning Internship Program (TULIP Program)

April 2023 – June 2023

Ministry of Housing and Urban Affairs, Government of India

New Delhi, India

- Directed development of **Utkarsh Rozgar Web Portal**, enhancing user engagement by **30%** and reducing job search time by **25%**
- Presented project outcomes to Ministry's Joint Secretary, highlighting **15% increase** in user satisfaction and **20% rise** in job placements
- Contributed to tech stack selection, **UI design**, and **development**, gaining expertise in **HTML**, **CSS**, **React JS**, **Node JS**, and **MongoDB**

PROJECTS

KnowWow: Your Daily Dose of Facts — Link

Apr 2024 – May 2024

- **Engaging Content Delivery**: Developed an Android app using **API Ninja** and **MySQL** to fetch and display random and categorized facts, enhancing user engagement through a dynamic and interactive interface.
- **Efficient Data Handling**: Utilized **Volley** for network operations and **RecyclerView** for seamless data presentation, ensuring smooth performance and a polished user experience.
- **Tech Stack**: KnowWow integrates Android SDK, Volley, MySQL, RecyclerView, API Ninja, and REST.

Marksheet Generator — Link

[May 2023]

- **Java Swing Application**: Developed a **Java Swing application** for generating academic mark sheets, serving over 500 users with an intuitive user interface
- Integrated the **iTextPDF library** to generate professional PDF mark sheets, facilitating easy distribution and printing for over 1000 academic records
- Incorporated **MySQL** for efficient data storage and retrieval, managing and accessing data for over 2000 student records seamlessly

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, Kotlin

Developer Tools: Git, Maven, Google Cloud Platform, VS Code, Eclipse, REST, Android Studio

Framework: SpringBoot, Hibernate, JUnit