SACHIN

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Education

Guru Gobind Singh Indraprastha University , Delhi   2022 - 2026 *B.Tech*
in Computer Science & Engineering   *7.68/10 CGPA*

Projects

Data Analysis Projects IBM SkillsBuild ˙ Conducted comprehensive data analyses using advanced methodologies and tools learned during a **6-week** intensive training program. Gained proficiency in interpreting complex datasets to drive informed decision-making.

Smart Dust Collector AICTE Idea Lab, USICT Internship - Developed an innovative dust collection system utilizing **3D printing**, **laser engraving**, and **CAD design** with **Autodesk Fusion 360**. Enhanced efficiency and sustainability in industrial environments.

Hospital Management System (HMS) – *Personal Project*
Developed a comprehensive desktop-based hospital management system to handle patient records, appointments etc.

Technical Skills

Languages: Java, C/C++, JavaScript, HTML, CSS, SQL
Backend: Express.js, Node.js
Frontend: React.js, HTML, CSS, Bootstrap, Tailwind CSS
Databases Management: MySQL, Basic PostgreSQL
IoT: Smart Dust Collector Development
CAD & Design Tools: Autodesk Fusion 360
3D Printing & Laser Engraving: Hands-on experience
Operating Systems: Windows, Basic Linux
Soft Skills: Problem-solving, communication, teamwork, leadership

Positions of Responsibility

Frontend Web Development Intern | Vaishnav Technologies 2024-Present • Working on frontend development tasks, enhancing skills in modern web technologies.

Summer Internship | AICTE IDEA Lab, GGSIPU June 2024 – December 2024 • Developed a Smart Dust Collector for buses, utilizing IoT for automated cleaning.

Summer Internship Program | IBM June 2024 – August 2024 • Successfully completed a 6-week IBM SkillsBuild Training Summer Internship Program in Data Analytics with CSRBOX Foundation.

Summer Intern | Bharat Intern May 2024 – July 2024 • Interned in Web Development, honing skills in building dynamic and responsive web applications. **Student Trainee | GUVI guvi.in April 2024 – May 2024** • Completed a comprehensive Java programming course to enhance software development skills. **Software Engineer Intern | HackerRank March 2024 – April 2024** • Completed a Software Engineering Internship, contributing to coding challenges and learning best practices in software engineering.

Trainee | Acmegrade June 2023 – July 2023 • Explored Artificial Intelligence concepts, including machine learning and deep learning algorithms. **Heritage Club President | St. Mary's School April 2019 – March 2020** • Led the Heritage Club, organizing cultural events and promoting the conservation of ethnic diversity and customs.

Achievements/Certifications

🏆 **2nd Position** – *Ignite & Innovate 2025, Vigyanoday, BMIET*
🏆 **Participant** – *Hack2Hatch Hackathon*, *Punjab Engineering College (PEC), Chandigarh*, March 2025
Advanced Features in Java: Working with Sets in Java
Career Essentials in Software Development by Microsoft and LinkedIn
Java Training Complete Course for Java Beginners (All in One), Udemy, September 2024
Data Analytics, IBM SkillsBuild , Microsoft Azure AI ,AICTE & Bharat Intern, Tech Innovator