

Gundeep Singh

Full stack developer| Web Developer
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EDUCATION

BACHELOR OF SCIENCE

COMPUTER SCIENCE

Graduation Year: 2025

Guru Nanak Dev Engineering College

SKILLS

PROGRAMMING LANGUAGES

•Python • C • C++

FRAMEWORKS/LIBRARIES

•React • Redux Toolkit • CI/CD

WEB TECHNOLOGIES

•WebRTC • JavaScript •HTML5

•Firebase •Bootstrap• ElasticUI

TOOLS/SOFTWARES

•Slack, • Jira •Git• Github

DEVOPS

•Docker, • Jenkins

DATABASE

•MySQL • MongoDB

API TESTING

•Postman

CLOUD COMPUTING

•AWS•SaaS applications • Docker

OPERATING SYSTEMS

•Windows • Linux • Mac

COMMUNICATION

Complex Idea Translation Effective
Presentations

HACKATHON

Participated in TechHack 4.0 Hackathon

PUBLICATIONS

•Integrating Semantic Web Technologies
and Web 3.0 to Shape the World Wide
Web (www) Journal Name: International
Journal of Computer Science and
Management Studies (IJCSMS)

•Revolutionizing Healthcare: Leveraging
AI and NLP to Empower Patients with
Smarter, Data-Driven Medical Insights
Journal Name: International Journal of
Computer Applications (IJCA)

CERTIFICATES

cloud computing with AWS

[Certificate Link](#)

software development and IT operation -
DEVOPS

[Certificate Link](#)

EICT Academy, IIT Kanpur Summer
Training Certificate

[Certificate Link](#)

techhack4.0

[Certificate Link](#)

Industrial Training in artificial Intelligence

[Certificate Link](#)

HTML,CSS,JavaScript,React course

[Certificate Link](#)

EXPERIENCE

• INDUSTRIAL SOFTWARE AND DEVOPS

July 3rd to July 28th, 2023

• DATA ANALYTICS AND INFORMATION SECURITY

Nov 3rd, 2023

• SEMANTIC WEB RDF BASICS TRAINING

Week 1-4, 2024

PROJECTS

HEALTH MATRIX STACK: MERN,PYTHON

DURATION: 2 MONTHS

PROBLEM: DIFFICULTY MANAGING AND ANALYZING PERSONAL MEDICAL REPORTS
SOLUTION: A PLATFORM FOR USERS TO UPLOAD, STORE, AND COMPARE MEDICAL
REPORTS, ASK QUESTIONS BASED ON THE DATA, AND GENERATE GRAPHS FOR EASY
HEALTH TRACKING.

[VIEW DEPLOYED PROJECT](#)

COLLEGE CONNECT STACK: MERN

PROBLEM: LACK OF EFFICIENT COMMUNICATION AND COLLABORATION WITHIN
COLLEGE COMMUNITY.

SOLUTION: DEVELOPING A COLLEGE CONNECTIVITY PLATFORM TO FACILITATE
BETTER COMMUNICATION AND COLLABORATION AMONG STUDENTS, FACULTY,
AND STAFF.

[VIEW DEPLOYED PROJECT](#)

DSA VISUALIZER STACK: REACT,JAVASCRIPT

DURATION: 1 MONTHS

PROBLEM:DIFFICULTY IN UNDERSTANDING COMPLEX ALGORITHMS DUE TO THEIR
ABSTRACT NATURE.

SOLUTION: AN INTERACTIVE PLATFORM THAT VISUALLY DEMONSTRATES KEY
ALGORITHMS STEP-BY-STEP, MAKING IT EASIER FOR USERS TO UNDERSTAND THEIR
LOGIC AND BEHAVIOR.

[VIEW DEPLOYED PROJECT](#)

REAL-TIME CHAT APPLICATION IMPLEMENTED USING MERN STACK

DURATION: 15 DAYS

PROBLEM STATEMENT: NEED FOR A REAL-TIME CHAT APPLICATION

SOLUTION: DEVELOPED A REAL-TIME CHAT APPLICATION USING THE MERN STACK
TO FACILITATE INSTANT MESSAGING AND COMMUNICATION.

[VIEW DEPLOYED PROJECT](#)

FAKE NEWS DETECTION IMPLEMENTED MACHINE LEARNING MODEL

DURATION: 15 DAYS

PROBLEM STATEMENT: PROLIFERATION OF FAKE NEWS ARTICLES

SOLUTION: DEVELOPED A MACHINE LEARNING MODEL TO DETECT FAKE NEWS
ARTICLES, AIDING IN PROMOTING INFORMATION AUTHENTICITY.

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PORTFOLIO

[Link](#)

WORKSHOPS/TRAINING

QUANTUM COMPUTING TRAINING WORKSHOP|

SUMMER TRAINING IN CLOUD COMPUTING WITH AWS|

SEMANTIC WEB RDF BASICS|

LANGUAGES

English •Hindi •Punjabi