

DIVYA KUMARI

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Education

Bachelor of Technology in Electronics and Communication Engineering

August 2023 - July 2027

National Institute of Technology Hamirpur (top 10/150 students in batch)

8.73/10 CGPA

Relevant Coursework: Microprocessors Micro-Controllers

Work Experience

Team VIBHAV(Executive Member) NIT Hamirpur

Decemember 2023 – Present

- Coordinated and executed **technical workshops** along with innovation challenges, fostering practical learning experiences for over **500 participants**; established a collaborative environment to drive participant engagement and knowledge retention.
- Developed and submitted **cutting-edge projects** for the college tech fest, integrating **AI, IoT, and web technologies**, resulting in a **35%** increase in project engagement through innovative solutions and seamless functionality.

Projects

VibhavWeb2025: Next.js, Tailwind CSS, APIs

(Source Code) (2025)

- Designed an interactive user interface for the **VIBHAV** website that improved visitor navigation efficiency by over **60%**, providing real-time updates on club activities while showcasing innovative technical projects.

AJIVIKA: React.js, Firebase, Mapbox APIs

(Source Code) (2024)

- AJIVIKA** is a smart labor-hiring platform that connects contractors and workers through an interactive map system and an **NFC-enabled** booth for seamless job access. Built with **React.js, Firebase, and Mapbox APIs**, it enables real-time job postings, easy applications, and a trust-based rating system. With Arduino-powered NFC integration, Ajivika ensures a transparent, efficient, and accessible hiring experience

MyPortfolioWeb: HTML, CSS, JAVASCRIPT

(Source Code) (2024)

- Achieved an increase in visitor interaction time by over **40%** on the newly launched portfolio website due to engaging design features that encouraged exploration of project showcases coupled with intuitive navigation pathways.

Technical Skills

Languages: Python, C++, JavaScript, basic Kotlin

Frontend: React, TailwindCSS, HTML, CSS

Developer Tools: VS Code, GitHub, Thonny, Canva, Figma

Soft Skills: Communication, Collaboration, Leadership.

Other Interests: Web3 and blockchain, Cybersecurity, AI/ML, App dev

Awards

NaukriCampus Certificate (Coding Contest)

(2024)

- The NaukriCampus Certificate (Coding Contest) 2024 recognizes successful participation in a competitive coding contest organized by NaukriCampus.

RBI@90 Nationwide Online Quiz 2024

(2024)

- Successfully participating in the RBI@90 Nationwide Online Quiz 2024, issued by the Reserve Bank of India (RBI) on 21st September 2024.

ITUSA Basketball Championship and Annual Athletic Meet ,NIT Hamirpur

(2024)

- Secured second place in the ITUSA Basketball Championship 2024, demonstrating teamwork, leadership, and strategic gameplay.
- Awarded two bronze medals in Long Jump and Shot Put, showcasing athletic excellence and competitive spirit.

Achievements

- Achieved mastery by solving diverse problems from both **LeetCode** and **GeeksforGeeks**; findings focused efforts towards addressing the top three causes of inefficiencies in personal project implementations.
- Competed in **Smart India Hackathon (SIH) 2024**, developing an **AI-driven acoustic monitoring system** for early rail defect detection. Engineered real-time analysis and predictive maintenance algorithms, optimizing rail safety, reliability, and operational efficiency.