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🎓 B.Tech CSE, Himachal Pradesh Technical University (HPTU), Hamirpur

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CAREER OBJECTIVE

I'm a final-year CSE student at HPTU Hamirpur with experience in backend and app development. Over the past year, I've been exploring AI and machine learning and really enjoy working on data-driven projects. I'm looking for a 6-month internship where I can apply what I've learned and grow through real-world challenges.

WORK EXPERIENCE

Intern - IQWing Edutech Ltd, Mohali

July 2024

Duration: 45 Days

- Learned and applied **Flutter** for building cross-platform mobile applications.
- Integrated **Firebase** for user authentication and data handling, improving app reliability and real-time data management.
- Gained practical exposure to mobile app development workflows, debugging, and deployment practices.

Intern - SVAKSHA Technologies LLP, Dharamshala

January 2025

Duration: 45 Days

- Learned and worked with **Django**, developing and maintaining web applications with efficient backend logic and data handling.
- Integrated **MySQL databases** to manage dynamic data and streamline data retrieval.
- Managed **Apache server deployment** for hosting Django apps, improving performance and maintaining security.
- Built a **proof of concept (PoC)** using **Jira APIs** to automate internal task tracking and improve workflow visibility within the team.
- Collaborated with teammates using **Git** and **Jira**, contributing to smoother project execution and version control.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python

Web Development: HTML, CSS, Bootstrap

Frameworks & Technologies: Django, Django REST Framework, Flutter, Android Development

Databases & Servers: MySQL, Apache, Firebase

AI / Machine Learning: NumPy, Pandas, Matplotlib, scikit-learn (learning)

Tools & Platforms: Postman, MATLAB, Linux, Windows

Version Control: Git, GitHub

Project Management: Jira

PROJECTS

Landslide Susceptibility Mapping Using Machine Learning (2025)

- Developed a machine learning framework to predict landslide-prone areas using geospatial data.
- Applied feature selection techniques and trained models to improve prediction accuracy.
- Gained experience with **Python**, **scikit-learn**, and **data preprocessing**, connecting analytical insights to real-world hazards.

University School of Studies App – HPTU USS (Nov 2024)

- Developed an academic management app using **Flutter** with **Django APIs** for backend integration.
- Implemented role-based dashboards for students and teachers, providing personalized access to class schedules, assignments, and courses.
- Ensured cross-platform compatibility, secure data handling, and scalability for academic use.

Shopping App (June 2024)

- Built a mobile shopping application using **Flutter** with **Firebase** for user authentication and real-time data sync.
- Features include product browsing, cart management, and secure order placement, providing a seamless user experience.

Online Pre-Hospital Appointment System (March 2024)

- Designed a web-based appointment system allowing patients to pre-book doctor slots.
- Reduced patient waiting time and improved workflow efficiency for hospital management.
- Technologies used: **HTML**, **CSS**, **Bootstrap**, **MySQL**.

EXTRACURRICULARS

- **NSS Volunteer (2022–2024), HPTU Hamirpur** – Contributed to community outreach programs and awareness drives; recognized among top volunteers.
- **Anti-Ragging Committee Member (2022–2025)** – Supported campus safety initiatives and awareness activities.
- **Student Coordinator, Training & Placement Office** – Helped organize technical workshops, recruitment drives, and internship programs.
- **IDE Bootcamp, NIT Karnataka** – Participated in a hands-on innovation and product development bootcamp.
- **Gyanotsav, New Delhi (Nov 2022)** – Attended the national event on the theme “Shiksha Se Aatmanirbhar Bharat.”
- **RASTFA 2023, HPTU Hamirpur** – Attended a national conference on Recent Advancements in Science & Technology for Futuristic Applications.
- **Workshop on Electrical & Electronic Equipment (Mar 2023)** – Completed practical training under Dr. Vinod Kumar (NIT Hamirpur).
- **National Workshop on Image Processing, Chitkara University (Mar 2024)** – Hands-on training in computer vision and modern image-processing techniques.