

# Saksham Pradhan

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## SKILLS SUMMARY

- **Languages:** C++, C
- **Frameworks:** HTML and CSS, Terraform, AWS, Docker, Kubernetes,
- **Tools/Platforms:** Kali Linux, LeetCode, GeeksForGeeks, Figma
- **Soft Skills:** Leadership, Problem-Solving, Team Player, Communication, Project Management, Adaptability

## INTERNSHIP

- **Outlier AI** Since October 2024  
*Freelancer*
  - Developed AI-driven data analysis models, improving prediction accuracy and problem-solving efficiency.
  - Optimized machine learning models for better performance and scalability.
  - **Tech stacks used:** AI, Prompt Engineering, LLM Refining
- **Aditya Birla Group** June 2024 - August 2024  
*Summer Intern*
  - Project Overview:** Designed and deployed a web application for workforce management, reducing manpower allocation time by 30%. Automated data storage and retrieval using MySQL, ensuring 99.9% uptime. Enhanced UI/UX, leading to a 40% improvement in form submission efficiency.

## PROJECTS

- **Amazon Clone** May 2025 - June 2025
  - Designed and developed a responsive Amazon-inspired e-commerce website using HTML, CSS, and JavaScript, replicating key UI/UX features like navigation bars, product listings, and dynamic interactions.
  - Implemented reusable components for the header, product cards, and footer to ensure consistency and ease of maintenance.
  - Enhanced user experience with interactive features such as hover effects, dynamic cart updates, and responsive layouts for various screen sizes.
  - Applied best practices in front-end development to achieve a clean, modern design and optimized page performance.
  - Tech: HTML, CSS, JavaScript
- **Managing Spotify Using Terraform** January 2025 - February 2025
  - Implemented Infrastructure as Code (IaC) using Terraform to automate Spotify resource provisioning.
  - Configured AWS services for access control, networking, and storage to enhance scalability.
  - Utilized Terraform modules to ensure efficient resource management and maintainability.
  - Focused on cloud automation and DevOps best practices for seamless deployment.
  - Tech: AWS, Terraform, Spotify APIs
- **Valobot** September 2024 - October 2024
  - Developed an AI-driven chatbot using AWS Bedrock to assist Valorant esports managers in building teams.
  - Implemented automated player selection based on role, performance stats, and synergy analysis.
  - Designed a user-friendly interface to streamline team formation and strategy planning.
  - Integrated cloud-based deployment for scalability and real-time query handling.
  - Focused on AI, cloud computing, and automation to enhance esports team management.
  - Tech: AWS, Interface Design, AI
- **Movie Streaming App UI (Figma Prototype)** September 2024 - October 2024
  - Designed a high-fidelity movie streaming platform prototype with an intuitive user experience.
  - Created a seamless navigation flow, including home, search, movie details, and watchlist pages.
  - Used auto-layout, components, and interactive prototyping to enhance design consistency.
  - Tech: Figma, Figjam
- **Password Evaluation Tool** June 2024 - July 2024
  - Developed a password evaluation tool to assess password strength and enforce security policies.
  - Implemented real-time strength analysis based on length, complexity, entropy, and common vulnerabilities.
  - Integrated checks for dictionary words, leaked credentials, and brute-force resistance.
  - Tech: CyberSecurity, Springboot, HTML & CSS

## ACHIEVEMENTS

- **Solved Problems on Leetcode:**  
Solved 400+ Problems on Leetcode
- **Attained Elite Certification ( NPTEL):**  
Attained a Elite certificate on Cloud Computing (NPTEL)
- **Open source Contributor (GSSOC):**  
Served as a Open source contributor in Girlscript Summer of Code.

## CERTIFICATIONS

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- Cloud Computing - [NPTEL](#)
- MasterCard Cybersecurity Job Simulation - [Forage](#)
- Google Cybersecurity Specialisation - [Coursera](#)
- Tata Group -ESG Job Simulation - [Forage](#)
- Goldman Sachs Software Engineering Job Simulation -[Forage](#)
- CipherSchools Cybersecurity - [CipherSchools](#)

## EDUCATION

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- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.18*  
***Favorite Courses:** Data Structures, Cyber Security, Devops, UI/UX, Cloud Computing*  
*August 2022 - Present*
- **Aditya Birla Public School** Anpara, UttarPradesh  
*HSC(10+2); Percentage: 90.2%*  
***Favorite Courses:** Physics, Chemistry, Mathematics, Computer Science*  
*April 2007 - April 2021*
- **Aditya Birla Public School** Anpara, UttarPradesh  
*SSC(10TH); Percentage: 92.6%*  
*April 2007 - April 2021*