Pranshav Lakhia

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Education

The Pennsylvania State University   Middletown PA
Bachelor of Science of Computer Science   Expected Graduation: Spring 2026
- **Relevant Coursework:** Formal Languages and Automata, Advanced Programming in C++

Nirma University   Ahmedabad, GJ, India
Bachelor of Science of Computer Science   Expected Graduation: Spring 2026
- **Awards:** Certificate of Academic Excellence, Certificate of Scholar
- **Relevant Coursework:** Programming in C, Object Oriented Programming in Java, Linear Algebra, Data Structures and Algorithms, Introduction to Design and Analysis of Algorithms, Discrete Math, Digital Logic and Design, Computer Organization and Architecture, Operating Systems, Principles of Software Development, Introduction to Statistics
- **GPA:** 3.6

Experience

- **Meditab India Pvt. Ltd. -** Dev-Ops Intern   January 2024
  1. Automated internal tools CI/CD pipeline on company GitLab.
  2. Gained valuable experience with Docker, Kubernetes and Linux terminal.
  3. Developed Docker deployable chatroom, written Python.
- **International Society for Automation -** Technical Writer   October 2022 –
  (Students Chapter Nirma University)   November 2023
  1. Wrote technical essays for society magazine MagIC.
  2. Assisted in organizing multiple workshops and events.

Projects

- **Learning Management System - Team Lead**
  1. Developed a full stack LMS to facilitate various educational features.
  2, LMS can allow assignment submission, grade display, notes display and announcement notification.
  3. Developed using Rust and NoSQL in the backend and vanilla Javascript in the frontend.
  4. Built for Principles of Software Development course.
- **Soap to JSON Query**
  1. Developed and executed a project plan for a team of 3 members.
  2. Developed an API that stores and updates SOAP query with JSON.
  3. Developed project with Rust and implemented it with WebSockets over HTTP.
  4. Built at HackNUThon 2023 held at Nirma University. Reached Semifinals.
- **Hotel Management System**
  1. Developed a hotel management system that allowed admins to securely keep track of empty and occupied rooms.
  2. Built using Python and SQL.

Technical Skills

Programming Languages: C, C++, Python, Java, SQL, Bash, Rust, HTML, CSS, Javascript, Matlab
Technologies: Git, Github, Gitlab, Docker, Kubernetes, Linux Terminal

Soft Skills

Languages Spoken: Gujarati, Hindi, English
Public Speaking: Anchored at multiple University events.