

# KANISHK K. PANDEY

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 Github |  Website |  Leetcode |  LinkedIn




## EDUCATION

- **Sardar Vallabhbhai National Institute of Technology (SVNIT)** 2023 - Present  
*Bachelor of Technology in Computer Science and Engineering* Surat, India
  - CGPA: 9.05/10.0 | Relevant Coursework: Data Structures, Algorithms, DBMS, OS, Networks
- **St. Arnolds Central School** 2020 - 2022  
*Higher Secondary Education - Science & Mathematics* Surat, India
  - Grade: 92.6% | Subject Topper in Chemistry

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript/TypeScript (1 year), Python (2+ years), C/C++ (2+ years), Java (1+ year), SQL, HTML/CSS
- **Web Development:** React.js, Next.js, Express.js, Node.js, REST APIs, GraphQL, Responsive Design
- **Cloud & DevOps:** Docker, Kubernetes, CI/CD pipelines, Cloudflare Workers, NGINX, Vercel
- **Database Technologies:** SQLite, PostgreSQL, MongoDB, Drizzle ORM
- **Machine Learning:** TensorFlow, NLP, Classification Models, Data Preprocessing, Model Evaluation

## PROJECTS

- **Consultancy Project Management System** January 2024 - May 2024   
*Tech Stack: React, TypeScript, Flask, SQLite, Cloudflare Workers*
  - Developed a full-stack solution that digitized contract workflows for SVNIT faculty, reducing manual administrative effort by 25% across departments
  - Implemented automated CRON jobs with Cloudflare Workers, decreasing manual follow-ups and saving approximately 5 hours weekly
  - Designed an intuitive React interface with responsive components to improve task completion rates for non-technical users
- **CureGPT: AI-Driven Disease Classifier** November 2023 - December 2023   
*Tech Stack: Python, TensorFlow, NLP, React*
  - Led a team of 4 to develop an AI-based disease prediction system using natural language inputs with 85% accuracy
  - Engineered machine learning pipeline using TensorFlow and Zero-shot Classification, improving on baseline models
  - Created a user-friendly chatbot interface and optimized model performance for concurrent requests
- **Darshan: The Wikipedia of Indian Heritage** February 2024 - March 2024   
*Tech Stack: Next.js, Node.js, Express, MongoDB*
  - Developed a digital platform showcasing Indian historical sites, attracting thousands of unique visitors
  - Implemented geolocation-based search using MongoDB, improving content discovery and user experience
  - Won first place in WebWonders 2024 competition among 20+ teams for technical excellence and cultural impact

## ACHIEVEMENTS

- **First Position in WebWonders 2024** March 2024
  - Led a team of 4 to develop a culturally significant web application within 48 hours, recognized for innovative approach
- **Participant in Robowars at Mindbend Tech Festival, Robotics Competition** February 2024
  - Designed and built a combat robot with custom electronics in a team of 3, implementing fail-safe mechanisms