

# JANHVI PANDEY

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## Education

### JSS ACADEMY OF TECHNICAL EDUCATION

Bachelor in Technology (ECE); GPA: 8.00

NOIDA, INDIA

December 2020 - August 2024

### Rani Laxmi Bai Memorial School

Intermediate; (92.6/100)

Lucknow, INDIA

April 2018 - May 2019

## Technical Skills

**Languages:** C, C++, HTML, CSS, JavaScript, MySQL, Python

**Developer Tools:** VS Code, AWS Cloud, Unity, Git, GIT Hub, Version Control, API testing tools

**Technology Stacks:** React, Bootstrap, Tailwind, ARCore, Vuforia, MongoDB, Express, NodeJS

**Relevant Coursework:** Data Structures and Algorithm, Object Oriented Programming, Programming for problem solving, Python, C

## Experience

### QUANTA

March 2022 - Present

Web Developer

- Achieved a 75 percent reduction in paperwork through effective communication and emotional intelligence
- Developed the front end of an event management website using HTML, CSS, and JavaScript for Zealicon college fest, resulting in 100+ student registrations
- Modeled 3 pages in QUANTA's portfolio website using ReactJS and JavaScript

### Defence Research and Development Organisation (DRDO)

January 2023 - April 2023

AR/VR Intern

Remote

- Engineered an AR/VR-based application for cognitive training, leading to a projected 30 percent increase in cognitive skills
- Designed and implemented 4 quizzes and games to enhance user engagement
- Created 4 environments in Unity using Vuforia portraying different seasons in India

### Kripalu Engineers

April 2022 - July 2022

Web Development Intern

Remote

- Implemented a responsive and user-friendly WordPress website using Bootstrap, resulting in a 50 percent increase in website traffic and a 30 percent decrease in bounce rate
- Incorporated design, SEO plugins to optimize website design and functionality, resulting in a 25percent increase in user engagement
- Revitalized and optimized over 50 daily articles for websites using SEO best practices

## Projects

### Codeforces-Progress Analyzer | Javascript, React, Redis

December 2023 - January 2024

- Designed a platform that allows user to analyze progress on Codeforces based on Combination of 3 parameters: difficulty, topic and number of question solved
- Reduced the time required to fetch private submission by approximately 10 seconds by implementing a Caching Service using Redis, which is updated once every week using CRON job
- Project Link: [🔗 Project Link](#)

### Video Calling | HTML, JavaScript, Express, EJS, WEBRTC

August 2023 - October 2023

- Created a WebRTC-powered video calling app with JavaScript, Express, EJS, achieved 40 percent reduction in latency
- Enhanced communication efficiency, facilitating seamless interactions for groups of 2 or more users
- Project Link: [🔗 Project Link](#)

## Achievements

- 100/100 score in Arduino training test conducted remotely by IIT, Bombay
- Certification on "Overview of Geographical Information System", 3weeks online course conducted by ISRO
- Solved 300+ DSA problem on various platform