



# ANCHAL PANDEY

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## Education

- Dr. A.P.J. Abdul Kalam Technical University** |  **Prayagraj, India**  
Bachelor of Technology in Computer Science and Engineering **Dec 2020 - Aug 2024**
- G.S. Science Academy** |  **Prayagraj, India**  
Completed Senior Secondary School with First Division under UP Board **Jul 2019 - May 2020**



## Technical Skills

Cloud Services	Programming Languages	Databases	Web Development	Version Control
AWS Services	JavaScript, Java, C, Python	RDS, DynamoDB, MongoDB, SQL	JavaScript, HTML, CSS, React, Node, Flask, Express	Git/GitHub







## Experience

- Internship** **Jul 2023 - Aug 2024**  
**Location:** Remote Work  
**Roles:** As an AWS Developer, I hold the position of a team member  
**Responsibilities:** I developed and programmed applications, debugged and tested code, documented software, investigated and resolved technical issues, and collaborated closely with senior leaders.

## Projects

- Tratak Kriya**  | MongoDB, React, AWS **Ongoing**
  - Role:** Frontend Developer and AWS Specialist
  - Developed an interactive dashboard for the Tratak Kriya project using React, enhancing the user interface and experience
  - Implemented advanced security measures to protect Tratak Kriya video links from unauthorized access by utilizing AWS CloudWatch and AWS S3
- Chat Bot**  | MongoDB, React, AWS **Mar 2024 - Aug 2024**
  - Description:** Developed a deep learning model to assess the likelihood of Tuberculosis (TB) based on chest X-Ray images, with functionality for single or batch image analysis. Implemented using the CRISP-DM methodology. Utilized Google Drive and Google Colab. Supporting our team as a Team Leader
- Tuberculosis Detection Using Deep Learning** | Google Colab, Google Drive **Oct 2023 - Mar 2024**
  - Role:** Data Preprocessing, Train the model and Documentation
  - I handled data preprocessing and trained a CNN model for detecting tuberculosis from chest X-ray images. I also created a presentation showcasing the project's methodology and result

## Certifications & Training

<b>Certificate for Presenting Paper</b>    <i>Recognized for presenting research at an IEEE conference</i>	<b>2024</b>	<b>Advanced Java</b>    <i>Deepened understanding of advanced Java programming concepts</i>	<b>2022</b>
<b>Python And Flask Framework</b>    <i>Foundation course in Python and Flask Framework</i>	<b>2024</b>	<b>Android Development Using Core Java</b>    <i>Foundation Android Development Using Core Java</i>	<b>2022</b>
<b>Machine Learning</b>    <i>Foundation course in Machine Learning</i>	<b>2024</b>	<b>Core Java</b>    <i>Foundation course in Java programming fundamentals</i>	<b>2021</b>