Anubhav Jha

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Education

I.K.G Punjab Technical University	Jalandhar, Punjab
Bachelor of Technology	*2026*
Darshan Academy	Ludhiana, Punjab
Higher Secondary Education	*2021*

Skills Summary

- **Programming Languages**: Python, JavaScript, C++
- **Frontend Frameworks**: Next.js, React.js, Tailwind CSS
- **Backend Frameworks**: Node.js, Express.js, Flask
- **AI/ML & Data**: Scikit-Learn, Keras TensorFlow, Pandas, NumPy, RAG, Transformers, OCR
- **Databases**: MongoDB, MySQL
- **Developer Tools**: Git, GitHub, GitLab, VS Code, Jupyter Notebook

Experience

Medoc — India
SDE Intern — *July 2025 – Present*

- Engineered scalable front-end systems using React.js, developing a TPA dashboard and user portals to streamline stakeholder communication.
- Implemented a Speech-to-Text pipeline using transformer models to accurately transcribe physician dictations into structured clinical notes.
- Built "Medoc Scribe," an intelligent document processing system using OCR and RAG to extract and structure data from prescriptions, reducing manual entry time by over 98%.

Birla Textile Mills (BTM) — India
SAP Intern — *Jul 2025 – Aug 2025*

- Configured and customized business processes within SAP GUI, focusing on Materials Management (MM) and Sales & Distribution (SD) modules.
- Utilized ABAP programming to automate key textile operations and assisted in server management to enhance system efficiency.

Vidhun Learnify — India
Web Development Trainee — *Jun 2024 – Jul 2024*

- Translated UI/UX designs into responsive and interactive web components using React.js and Tailwind CSS for a seamless user experience.
- Improved application performance by 30% by implementing strategic code splitting, lazy loading, and image optimization techniques.

Projects

KrishakSetu — India
Team Lead, Developer — *Jan 2025 – May 2025*

- **Project Overview**: Architected a web-based agro-tech platform using ML for crop price predictions and e-commerce, enhancing farmer decision-making with <300ms prediction delivery.
- **Tech Stack**: Utilized React.js, Tailwind CSS, Node.js, Flask, MongoDB, Scikit-learn, Pandas, NumPy, and Chart.js for a scalable application.
- **Key Contributions**: Developed responsive UI with React.js and optimized Random Forest model ($R2$ ~0.96) with MongoDB for efficient data storage.

Human Body Anomaly Detection — India
Team Member, Developer — *May 2025 – June 2025*

- **Project Overview**: Collaborated on an AI-driven web platform detecting bone fractures and tuberculosis from X-rays (~95% accuracy), with role-based UI and PDF report exports.
- **Technical Stack**: Leveraged XGBoost, OpenCV, Flask, Tailwind CSS, Chart.js, and PDFKit for secure diagnostics and visualizations.

Certifications

- Software Engineering Job Simulation, J.P. Morgan Chase & Co. via Forage Completed practical tasks in Project Setup, Kafka Integration, H2 Integration, and REST API Controller.