

# Debam Pati

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## SUMMARY

Experienced Web Developer, Machine Learning Enthusiast with knowledge of Next.js, React, Express, TensorFlow, PyTorch, Flask, FastAPI and technical know-how of Programming Languages Like Java, Python, C++ and C. Strong understanding of software engineering best practices and design principles. Proven ability to collaborate with a team. Seeking more experience to build innovative and efficient web applications along with intelligent ML Models.

## EXPERIENCE

### Backend Development Intern

Edilitics · Mumbai, Maharashtra

June 2024 – Present, Remote

- Stipend Based FastAPI(Python) Development.

### Technical Intern

Hindalco Industries Ltd. · Renukoot, Uttar Pradesh

June 2024 – July 2024, On-Site

- On-Site Vocational Training in a Hazardous, Industrial Environment.

### Web Development Intern

CodeClause · Online

June 2023 – July 2023, Remote

- Contributed for Projects at Scale with Swags as Compensation.

## PROJECTS

### READMEasy

<https://readmeasy.debam.tech/> · April 2024 – Present

- Recursively utilized Github APIs alongside Next.js.
- Implemented DS Algorithms to Optimize Backend Computations.
- Integrated Auth, Recording History, ML amongst other features.

### VeuScribe

<https://veuscribe.vercel.app/> · March 2024 – Present

- Collaborated with ML peers to develop a feature rich AI application.
- Integrated Socket.io for establishing communication between browsers.
- Utilized WebRTC to exchange video streams amongst clients.
- Designed a formal UI to provide great User Experience.

### SamvidhanAI

<https://samvidhanai.onrender.com/> · September 2023 – Present

- A Comprehensive Legal AI Chat Bot with Documentation Guide.
- Uses 13B Parameter Trained Llama2 Conversational LLM.
- Model Fine Tuned With 4k Transformers.
- Supports Guide For 5 Business Documents.

### DeeSharez

<https://deesharez.netlify.app/> · August 2023 – Present

- A Full Stack Social Media Web Application.
- Pinterest Inspired Masonry Layout.
- Support For Save, Download Or Comment On Posts.

## EDUCATION

### Bachelor of Technology – BTech, Computer Science (Specialization In Software Engg.)

SRM University · 2026 · 9.53 CGPA

### AISSCE, PCM

Aditya Birla Public School · April 2022 · 91.2%

### AISSE

Aditya Birla Public School · April 2020 · 90.8%

## CERTIFICATIONS

### Programming In Java

NPTEL · 2024

### Database Management Systems Course Certificate

Scaler Academy · 2024

### AWS Academy Graduate – AWS Academy Machine Learning Foundations

AWS Academy · 2024

### Bitcoin Basics: Protocol and Design Course Certificate

BSV Academy · 2023

## SKILLS

**Industry Knowledge:** Frontend/Backend Development, Javascript, TypeScript, Application Programming Interfaces (API), Websockets, 3D Designing, Web3, Blockchain, Machine Learning, Neural Networks, Large Language Models (LLM), Data Science, Graphic Design, Penetration Testing, Password Hashing, SQL Injection.

**Tools & Technologies:** Flask, FastAPI, PyTorch, TensorFlow, Keras, Scikit-Learn, Bitcoin Ledger, Smart Contracts, Node.js, Express, Next.js, React.js, Vite, Puppeteer, Tailwind, Bootstrap, GSAP, Framer Motion, Adobe Creative Cloud, Figma, Selenium WebDriver, Solidity, Docker, AWS, Socket.io, WebRTC

**Programming Languages :** Java, Python, C++, C

**Linguistic Languages :** English, Hindi, Bengali