Nandani Kumari

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SKILLS

Programming Languages :	Javascript, CSS, HTML, TypeScript, Java
Libraries and Frameworks :	React, Express.js, Node.js, Redux.
Tools :	MongoDB, REST API

EDUCATION

2023 - 2026	Bachelor's Degree at **ARKA JAIN UNIVERSITY**
2018 - 2021	Diploma in Mechatronics

WORK EXPERIENCE

Mechanical Design Engineer 2021-23

- Hands-on experience in CNC machine operations including setup, G-code programming, and process monitoring, with advanced skills in 2D drafting and 3D modeling using Siemens NX, CAD design, and precision machining workflows.

PROJECTS

Santhali-English Translation System https://github.com/Prerna084/santhali-translator.git

- Designed and developed a full-stack web application enabling Santhali–English translation for 5000+ potential users, supporting tribal language preservation.
- Engineered a custom Santhali keyboard and integrated translation suggestion, update, and feedback workflows,improving translation accuracy by 30 percentage based on user feedback.
- Implemented Excel export for feedback analytics using xlsx, processing 500+ feedback entries with seamless Firebase real-time database sync.
- Deployed a responsive, animated UI with React, Tailwind CSS, and Framer Motion, achieving 1 load time and improving user engagement by 40 percentage.
- Collaborated on a government-backed initiative, enhancing regional language accessibility for underserved communities.

TechyStart https://github.com/nandani013/TechyStart.git

- Integrated React Router DOM for seamless navigation between views, improving user experience and client-side performance.
- Designed mobile-first layouts using SCSS modules and custom media queries, ensuring compatibility across 95 percentage plus devices and screen sizes.
- Managed source control using Git and deployed code to GitHub with a clean, collaborative-friendly commit history.

ACHIEVEMENTS

- Secured 7th position out of 150+ teams in HackHorizon.
- Solved 200+ Problem-Solving DSA questions on Interview Bit.