

# Debanjali Lenka

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## Professional Summary

Full-Stack Developer specializing in the MERN stack, with expertise in building scalable web applications, REST APIs, and AI-powered solutions. Experienced in end-to-end development from responsive frontends to secure backend systems. Strong track record of delivering production-ready applications with optimized performance, intuitive UI/UX, and modern architectural practices.

## Technical Skills

**Frontend:** HTML, CSS, JavaScript (ES6+), React.js, Next.js, TailwindCSS, Responsive Design

**Backend:** Node.js, Express.js, REST APIs, Microservices, Authentication (JWT, OAuth, Passport.js)

**Databases:** MongoDB, PostgreSQL

**Other Tools & Platforms:** Git, GitHub, CI/CD, Agile, Google Vision API, Gemini AI, Twilio, PostHog

## Work Experience

**Trainee Software Developer** – Quotus Software Solution Pvt. Ltd. (Apr 2025 – Present)

- Developed and deployed REST APIs & microservices using Node.js and Express.js.
- Implemented JWT & OAuth authentication, ensuring secure access control.
- Optimized MongoDB queries and indexing, reducing data retrieval time by 25%.
- Collaborated in Agile teams, participating in sprint planning & code reviews.
- Contributed to deployment & scalability improvements, gaining exposure to production systems.

## Selected Projects

### ■ Naturopura – AI-powered AgriTech Platform

- Designed a full-stack application to help farmers with AI-driven crop health detection & multilingual support.
- Integrated real-time soil/weather analysis via APIs, improving decision-making for 500+ potential users.
- Implemented crypto payment system with MetaMask for secure blockchain transactions.
- Built admin dashboard for KYC verification, user analytics & performance tracking.

### ■ HireSense – AI Interview Assistant

- Engineered a resume parser (pdf-parse) to extract structured candidate data.
- Integrated Google OAuth login and session management with Passport.js.
- Developed AI-powered personalized interview questions using Gemini 2.5 Pro.
- Stored user history & analytics in MongoDB for future retrieval.

### ■ CodeLens AI – AI Code Review Platform

- Built a modern code review platform enabling AI-driven feedback on developer code.
- Implemented secure user authentication and dark/light themes for enhanced usability.
- Improved developer productivity by automating real-time AI-powered code insights.

## Education

- B.Tech, Computer Science Engineering – Nalanda Institute Of Technology, BBSR (2021 – Present)
- Intermediate (Science) – Kalpanadevi Women's Science College, Bhadrak (2019 – 2021)
- Matriculation – Tillo Nodal High School, Odisha (2019)

## Certifications

- MERN Stack – TechZex Software Pvt. Ltd.
- XR Technology – IIT Kharagpur
- Program Coordinator – E-Cell, AIC Nalanda

