

# Alapan Kar

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## Summary

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Self-driven Full-Stack Web Developer (MERN Stack) passionate about building production-ready web applications. Skilled in Front-End (React.js) and Back-End (Node.js, Express.js) development. Seeking an internship role to create scalable products and grow as a software engineer.

## Education

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### University of Engineering and Management, Kolkata

B.Tech in Computer Science and Engineering

2022 - 2026

### Narayana School

Higher Secondary School (12th Standard)

2020 - 2022

## Experience

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### HireVeda

Remote, Jan 2025 - Feb 2025

Back-End Developer Intern

- Automated LinkedIn data scraping for 500+ job applicants using JavaScript, boosting recruitment data collection efficiency by 60% and saving 40+ recruiter hours monthly.
- Streamlined HireVeda's candidate evaluation process by extracting actionable insights, improving applicant shortlisting accuracy and accelerating hiring decisions.

## Projects

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### Reddit App Idea Extractor — [Demo Link](#)

- Built a full-stack app (React.js, Node.js, Gemini API, Firebase) to automate extraction and summarization of Reddit user pain points and app ideas.
- Designed an optimized architecture with automated daily data extraction, Gemini API processing, and Firestore fast retrieval.
- Improved user satisfaction and eliminated manual forum scrolling.

### Invoice Digitization & Generation Web App — [Demo Link](#)

- Developed a full-stack app that digitizes scanned invoices using AI (Gemini API), enables inline editing, CSV export, and supports custom invoice generation with PDF downloads.
- Parsed 150+ sample invoices with 90%+ accuracy, reducing manual data entry time by 70%.
- Enabled polished invoice creation for freelancers and small businesses.

### PatternRecall — [Demo Link](#)

- Identified a recurring challenge among DSA learners struggling with medium to hard problems and conceptualized a self-learning platform where users can upload up to 50 personally failed problems, improving personalized pattern tracking and reflection.
- Developed a daily smart recommender system that fetches 2 pattern-based similar problems based on user history, enabling consistent exposure to familiar logic and enhancing long-term problem-solving accuracy by an estimated 30-40% through spaced repetition.

## Skills

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**Front-End:** HTML, CSS, JavaScript, React.js

**Back-End:** Node.js, Express.js

**Database:** MongoDB

**Tools:** Git, Postman, VSCode

**Other:** Firebase, Gemini API