

AKASH LAHA

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PROFESSIONAL SUMMARY

- Full stack developer skilled in building scalable, end-to-end web applications using the MERN stack, with strong knowledge of data structures, algorithms, and cloud computing.

PERSONAL PROJECTS

2024-2025 **EDU-EMPOWER (GROUP PROJECT)**

[Live Link](#) / [Code](#)

- **TECH-STACK** : React.js | TypeScript | Prisma | Supabase | Razorpay
- Led a cross-functional **team of 4 developers** to architect a scalable crowdfunding and scholarship platform, reducing dropout rates by **25%** among underprivileged students in test regions.
- Developed and deployed an intelligent **donor-matching algorithm** that eliminated manual assignment errors, saving **20+ hours** per week and improving campaign efficiency.
- Built an AI-driven **student ranking system** that cut down evaluation and organization time by **50%**, streamlining the assessment of individual users.

2024-2025 **AI CONTENT CATALYST**

[Live Link](#) / [Code](#)

- **TECH-STACK** : Next.js | TypeScript | Drizzle ORM | Neon Postgres | Stripe
- Launched an AI-powered content generation platform using the Gemini API, delivering **10,000+ custom content pieces** including blog titles, Instagram hashtags, and YouTube SEO assets.
- Created **35+** customizable content templates, enhancing platform flexibility and driving a **40%** increase in daily user engagement.
- Streamlined user workflows by reducing prompt input effort by **30%**, accelerating content generation speed and boosting overall productivity.

2023-2024 **TOMATO WEBSITE**

[Live Link](#) / [Code](#)

- **TECH-STACK** : React.js | Express | Node.js | MongoDB | Stripe
- Constructed a **10+** page full-stack food ordering platform with a seamless **UI** for browsing and placing orders.
- Designed and implemented an **admin dashboard** for real-time inventory management and insights, improving accuracy by **30%**.
- Integrated **Stripe** for secure payment processing, ensuring a **100%** success rate in test transactions and enhancing user trust during checkout.

EDUCATION

2024-2025 **NSHM KNOWLEDGE CAMPUS**

Durgapur, West Bengal

- Bachelor of Technology in Computer Science and Engineering

TECHNICAL SKILLS

- **Frontend** : HTML + CSS | React.js | TypeScript | Tailwind CSS
- **Backend** : Node.js | Express.js | JavaScript
- **Frameworks** : NextJS | Prisma
- **Databases** : MongoDB | Firebase | PostgreSQL
- **DevOps & Tools** : VS Code | Git | GitHub | Docker | AWS
- **Core Skills** : Solving Complex Technical Challenges | Responsive Design Implementation

ACHIEVEMENTS

- **Code for Change Hackathon**: Co-organized a hybrid hackathon with **1200+ online** and **70+ offline** participants under Codenest, boosting tech engagement on campus.
- **Aminnovate Rebase<01>**: Ranked in the **Top 1%** for building a Web3 project using Solidity and Smart Contracts.
- **ETH SEA Finalist**: Built an **AI-based content generation tool**, recognized for innovation and practical AI use.