

ARMAN KAR

FULL-STACK DEVELOPER

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Full-stack engineer focused on web applications and developer tooling. Built and shipped multiple production-ready apps with sub-second navigation, <100ms interactions, and optimized load times.

EDUCATION

Kalvium’s UG program in CS (Software Product Engineering)
Campus - Jalandhar, Punjab | **Bachelor’s** - B.Tech, Lovely Professional University

TECHNICAL SKILLS

Languages - JavaScript, TypeScript, Python | **Frontend** - React.js, Next.js, Tailwind CSS | **Backend** - Node.js, Express.js | **Databases** - MongoDB, PostgreSQL, Prisma ORM | **Cloud & DevOps** - Vercel, CI/CD Pipelines, Git, GitHub Actions

PROJECTS

[Sumanize](#) — **AI-Powered Content Summarizer** | April 2025 - Present | [View Project](#)

- Engineered full-stack application processing 50 KB+ documents in under 2 seconds with 85% summarization accuracy using optimized NLP algorithms
- Architected real-time WebSocket integration with Gemini API, implementing rate limiting (100 req/min) and comprehensive error handling
- Developed citation engine with inline references and source attribution, maintaining 99.2% accuracy across all outputs

[Imaverter](#) — **Image Processing Tool** | May 2025 - Present | [View Project](#)

- Architected client-side processing pipeline achieving 70% file size reduction with zero quality loss through advanced compression
- Configured Cloudinary API to optimize 100+ images ensuring consistent quality across devices and platforms
- Implemented drag-and-drop interface with real-time previews, processing 100+ uploads with 99.9% uptime reliability

[Comet Generator](#) — **Developer CLI Framework** | June 2025 - Present | [View Project](#)

- Developed TypeScript scaffolding tool with NextAuth, GitHub Actions CI/CD, ESLint, Prettier, and Husky pre-commit hooks
 - Published on NPM with 50+ installations, reducing project setup from 2 hours to 30 seconds
 - Architected modular framework with interactive prompts, customizable templates, and automated dependency management
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ACHIEVEMENTS

Web-Estan Hackathon Finalist | [Certificate](#) | January 2025 | [View Project](#)

- Led 4-member team building food waste management platform connecting restaurants with NGOs, reducing waste by 30%
- Engineered geolocation matching system using Google Maps API with 2km optimization, achieving 15-minute response times
- Implemented OAuth 2.0 authentication with role-based access control and JWT token management for secure data handling

Build-a-thon Hackathon | [Certificate](#) | April 2025 | [View Project](#)

- Prototyped AI-driven summarization platform in 48 hours, demonstrating rapid development under tight deadlines
- Architected WebSocket infrastructure delivering sub-200ms responses with 90% NLP accuracy benchmarks
- Built scalable RESTful API using Next.js, load-tested to handle 100+ concurrent requests with optimal performance