

# BIKASH BASHYAL

Butwal, Lumbini, Nepal

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## PROFESSIONAL SUMMARY

Results-driven Software Engineer and Business Development professional with 2+ years of entrepreneurial experience. B.Tech Computer Science student combining strong full-stack development expertise (MERN, Node.js, React) with proven business acumen in startup operations, sales, and growth strategies. International Computer Olympiad Finalist (2019) with hands-on experience in building scalable applications, API development, and leading cross-functional teams. Passionate about leveraging technology to drive business impact and revenue growth.

## EDUCATION

**Maharishi Markandeshwar (Deemed to be University)**

Bachelor of Technology in Computer Science Engineering

**January 2022 – June 2026**

Haryana, India

## PROFESSIONAL EXPERIENCE

**Business Development & Operations Lead**

Alpha Intern

**July 2023 – Present**

Haryana, India

- Co-founded and scaled a tech startup, leading business development, operations, and strategic partnerships
- Developed and implemented growth strategies, driving user acquisition and market penetration
- Managed end-to-end product operations, from ideation to execution and delivery
- Built and maintained client relationships, conducting sales presentations and negotiations
- Collaborated with technical teams to align product features with market needs and customer feedback
- Taught 500+ students in web development bootcamps and workshops

**Backend Development Intern**

The Quality SEO Pvt Ltd

**May 2025 – July 2025**

Devingar, Rupandehi, Nepal

- Developed RESTful APIs using Node.js and Express.js for enterprise applications
- Implemented database optimization strategies with MongoDB and Redis caching
- Worked on microservices architecture and API integration projects
- Conducted web development training sessions for 500+ students

## TECHNICAL SKILLS

**Frontend:** React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS/SCSS, Tailwind CSS, Three.js, React Three-Fiber, Framer Motion, GSAP, Redux/Redux Toolkit

**Backend:** Node.js, Express.js, REST APIs, Microservices Architecture, WebSockets, Socket.io, JWT Authentication, OAuth, Passport.js

**Database:** MongoDB, MySQL, Redis (Caching), Mongoose ODM, Database Optimization, Aggregation Pipelines, Indexing

**DevOps & Tools:** Docker, AWS (EC2), Git/GitHub, Nginx, PM2, CI/CD Pipelines, Postman, Chrome DevTools, Lighthouse

**Other:** Python, PWAs, Generative AI (LangChain, ChatGPT API, Gemini), Data Structures & Algorithms, OOP, MVC Architecture

## KEY PROJECTS

**Movie Recommendation System** | Python, Machine Learning, Jupyter Notebook

[GitHub](#)

- Developed AI-powered movie recommendation engine using collaborative filtering and content-based algorithms
- Implemented data preprocessing, feature engineering, and model training pipeline
- Achieved high accuracy in personalized movie suggestions based on user preferences

**Inventory Management System** | Python, Database Management, Jupyter Notebook

[GitHub](#)

- Built full-featured inventory management system with CRUD operations and real-time tracking
- Implemented database optimization strategies for efficient data retrieval and storage
- Designed user-friendly interface for inventory tracking, stock management, and reporting

**DSA in Python** | Python, Algorithms, Data Structures

[GitHub](#)

- Comprehensive implementation of fundamental data structures (Arrays, Linked Lists, Trees, Graphs, Hash Tables)
- Developed efficient algorithms for sorting, searching, dynamic programming, and graph traversal
- Documented code with time and space complexity analysis for educational purposes

**Python Projects Collection** | Python, Various Frameworks

[GitHub](#)

- Collection of diverse Python projects showcasing web scraping, automation, and data analysis
- Implemented various design patterns and best practices in Python development

KEY ACHIEVEMENTS

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- International Computer Olympiad Finalist (2019):** Represented Nepal in global competitive programming competition
- Educator & Mentor:** Taught 1000+ students in web development workshops, bootcamps, and training sessions at Alpha Intern and The Quality SEO Pvt Ltd
- Startup Co-Founder:** Co-founded Alpha Intern and led business development, achieving significant user growth and market penetration
- Technical Excellence:** Built production-grade MERN stack applications with authentication, real-time features, and cloud deployment
- AI Integration:** Created AI-powered applications using LangChain, ChatGPT, and Gemini APIs for automation and content generation

BUSINESS & SOFT SKILLS

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Business Development | Sales & Marketing | Product Management | Startup Operations | Strategic Planning | Client Relations | Team Leadership | Cross-functional Collaboration | Problem Solving | Analytical Thinking