BISEK BABU KHANAL

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Bisek Babu Khanal | bisek-10 | @Babu$_{B}isek$

Bharatpur, Chitwan, Nepal

OBJECTIVE

Computer Science graduate with strong programming and problem-solving skills, contributing to software development and technical project support in relevant role.

SKILLS

- **Programming Languages:** Vercel, CloudflarePython, JavaScript, Java
- **Frontend:** HTML5, CSS3, React.js, Tailwind CSS, UI/UX
- **Backend:** Python, Flask, Node.js, Express.js, RESTful APIs, JWT, OAuth
- **DevOps & Version Control:** Git, GitHub, GitLab
- **Cloud Technologies:** Vercel, Cloudflare

EXPERIENCE

- **Unalome Digital [🌐]** *May 2025 - July 2025*
  Full Stack Developer Intern Kathmandu, Nepal
  - Assisted in developing and maintaining web applications using React.js, JavaScript, HTML, CSS, and backend technologies.
  - Supported backend development, API integration, and database operations under the guidance of senior developers.
  - Applied Git version control, debugging, and testing practices to improve application reliability.
  - Collaborated with developers and designers to implement features and resolve frontend and backend issues.
- **Unalome Digital [🌐]** *July 2025 - Present*
  Junior Full Stack Developerr Kathmandu, Nepal
  - Develop and maintain web applications using React.js, JavaScript, HTML, CSS, and Python-based backend technologies.
  - Develop and integrate REST APIs to connect frontend interfaces with backend services.
  - Work with databases, troubleshoot application issues, and improve system functionality.
  - Collaborate with team members to deliver maintainable, responsive, and user-friendly software.

EDUCATION

- **Sharda University** *June 2025*
  Bachelor of Technology in Computer Science and Engineering (B.Tech CSE) Greater Noida, India
  - CGPA: 7.86/10.00
- **Valmiki Shiksha Sadan** *July 2021*
  Higher Secondary Education Bharatpur, Nepal
  - Grade: 3.15/4.00
- **Valmiki Shiksha Sadan** *March 2019*
  Secondary Education Bharatpur, Nepal
  - GPA: 3.50/4.00

PROJECTS

- **Bisek Atithi Griha — Lodge Management Platform** *[*
  Tools: [[React, JavaScript, Vite, Tailwind CSS, Supabase, PostgreSQL, Supabase Authentication, Supabase Storage, Recharts, jsPDF, Git, Cloudfare]
  - Developed and deployed a responsive full-stack lodge management platform with a public website and an admin dashboard for room, guest, occupancy, and payment management.
  - Implemented room availability tracking, guest check-ins/check-outs, room transfers, customer records, and occupancy management through the admin dashboard.
  - Integrated Supabase PostgreSQL, Authentication, Storage, and Row Level Security (RLS) for backend services, data management, and access control.
  - Developed billing logic covering room rates, additional guests, add-on services, date-based charges, and a customized 3:00 AM hotel-day rule.
  - Built revenue analytics with date-range and payment-method filters, cash/QR payment tracking, and interactive charts using Recharts.

- Implemented itemized checkout invoice generation and PDF downloads using jsPDF and jsPDF AutoTable.
- Integrated Bikram Sambat date conversion while maintaining Gregorian date storage and calculations in the database.

- **Pranika Baal Sewa — Pediatric Physiotherapy Website** *[]*
  Tools: [[Python, Flask, HTML, CSS, JavaScript, Flask-Mail, Gmail SMTP, Google Places API, Vercel, Git]
  - Designed and developed a responsive client website for Pranika Baal Care, showcasing pediatric physiotherapy services and clinic information.
  - Implemented room availability tracking, guest check-ins/check-outs, room transfers, customer records, and occupancy management through the admin dashboard.
  - Built dedicated pages for specialized care, services, clinic details, and consultation inquiries with a child-friendly, user-focused interface.
  - Developed a Flask-based contact and consultation request system with automated email notifications using Flask-Mail and Gmail SMTP.
  - Integrated Google Places API to dynamically display clinic ratings and reviews, with Google Maps support for location access.
  - Implemented responsive layouts, service cards, clear call-to-action sections, and optimized static assets for desktop and mobile devices.
  - Configured and deployed the Flask application on Vercel using serverless WSGI routing and environment-based configuration.

- **Personal Portfolio Website** *[]*
  Tools: [[HTML5, CSS3, JavaScript, Git, GitHub]
  - Developed a responsive portfolio website to showcase projects and skills.Developed a responsive personal portfolio website to showcase professional experience, technical skills, and projects.
  - Designed a clean, modern interface with intuitive navigation and consistent styling.
  - Organized project details, technical skills, and professional information into accessible sections.
  - Optimized the layout for desktop and mobile devices to provide a consistent user experience.

- **Astrology Consultation Website** *[]*
  Tools: [[Next.js, TypeScript, Tailwind CSS, MongoDB, Vercel, Nodemailer, Git]
  - Built a fully responsive astrology consultation platform with booking functionality.
  - Integrated dynamic time slot selection and an admin panel for managing bookings.
  - Implemented email notifications using Nodemailer and Gmail SMTP.
  - Designed an intuitive UI/UX with Tailwind CSS for a seamless user experience.

Patents and Publications

C=Conference, J=Journal, P=Patent, S=In Submission, T=Thesis

[C.1] Bisek Babu Khanal, et al. (2025). **The Role of AI-Powered Mobile Applications in Modernizing Classroom Management and E learning**. In *NetCrypt 2025*, New Delhi, India, May 2025.

[C.2] Bisek Babu Khanal, et al. (2025). **The Role of Comprehensive Mobile Applications in Modernizing Classroom Management: A Case Study**. In *ESTSD 2025*, Greater Noida, India, June 2025.

Certifications

- **The Complete 2022 Web Development Bootcamp, Udemy** *August 2022*
- **Database Foundations Learner, Oracle** *November 2023*
- **Database Programming with SQL, Oracle** *November 2023*
- **Java Programming, Oracle** *April 2024*
- **Website UI/UX Designing using ChatGPT: Become a UI UX designer, Simplilearn** *July 2024*
- **Artificial Intelligence with Machine Learning , Oracle** *September 2024*
- **Placement preparation: Advanced, CodeChef** *September 2024*

Additional Information

Languages: English (Advanced), Hindi (Intermediate), Nepali (Native)