

# Dipendra Kumar Kushiyat

## SOFTWARE ENGINEER

Kathmandu, 44600, Nepal

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Github: <https://github.com/Dipendrakushiyat> | GitLab: <https://gitlab.com/Dipendrakushiyat>

## PROFILE

I am a MEAN stack developer with expertise in Angular, Node.js, Express, MongoDB, and Git version control. I specialize in building scalable and dynamic web applications, creating reusable components, and developing dynamic APIs. I have hands-on experience with MongoDB aggregation pipelines, Handlebars templates, PDF generation, and email automation, delivering efficient and user-friendly solutions.

## EDUCATION

**Tribhuvan University**  
**Patan Multiple Campus**

BSc. CSIT

Percentage: 63.83 /100%

**Kathmandu, Nepal**  
Sept 2018 - Aug 2022

**Shikshadeep H.S.S**

+2 Science

GPA: 3.09 /4.0

**Biratnagar, Nepal**  
July 2016-Apr 2018

## SKILLS

**Languages:** JavaScript, Typescript, Bootstrap, HTML/CSS, C/C++,

**Database:** MongoDB, Mongoose

**Frameworks/Tools:** Angular, Node.js, Express.js, Git, Bit Bucket, VS Code, Adobe XD, MS Excel, Postman, MongoDB compass, RxJS, Mockaroo, Material UI,

**Research Interests:** Data Analysis, Web3, Blockchain, Data Science

**Others:** Responsive Design, Handling complex Database query, Authentication and Authorization, Agile Methodologies, RESTful APIs

## PROFESSIONAL EXPERIENCE

### BENEKIVA

Full-stack Web Developer

**Kathmandu, Nepal**  
june 2023 - Present

- Developed and maintained web applications using the MEAN stack for insurance claim management systems.
- Built dynamic, responsive front-end features using Angular and RxJS to handle real-time event streaming.
- Collaborated with teams to enhance existing features, fix bugs, and optimize application performance.
- Worked on generating and sending PDF documents with Adobe's PDFServices SDK, integrated email functionality.
- Used MongoDB aggregation pipelines to handle complex data queries for data management.
- Collaborated with cross-functional teams in an Agile environment, participating in sprint planning, stand-ups, and code reviews to continuously improve product features and performance.

### SEARCHABLE DESIGN LLC,

Web Development Internship

**Kathmandu, Nepal**  
Mar 2023 - present

- Developed a project called Benetro, a retrospective tool similar to Metro Retro, designed for team collaboration and feedback.
- Practiced reusable Angular concepts to enhance maintainability and scalability.
- Implemented robust authentication and authorization systems using JWT (JSON Web Tokens).
- Created APIs using Node.js and integrated dynamic components for a flexible user experience.
- Implemented real-time conversations between multiple users, enabling seamless team interactions using web sockets.
- Gained valuable hands-on experience in full-stack development, focusing on real-world project requirements.
- Worked closely with a team of developers, learning how to communicate effectively, share knowledge, and contribute to achieving common goals.

## PROJECTS (ACADEMIC / PERSONAL)

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- Benetro** | Internship project | Node.js, TypeScript, mongo DB, Angular, Express, Angular UI *April 2023 - June 2023*
- Benetro is the retro tool for collaborative teams that want to hold valuable meetings, cutting out wasted time in favor of productivity-transforming retros, and workshops with this TeamRetro alternative.
  - Built using the MEAN stack (MongoDB, Express, Angular, Node.js), Benetro features a user-friendly interface for seamless team collaboration and retrospective management.
  - Developed a secure authentication and authorization system using JWT (JSON Web Tokens), ensuring secure access to sensitive data and allowing role-based permissions
  - Worked closely with a team of developers, learning how to communicate effectively, share knowledge, and contribute to achieving common goals.
- Project link:** [Benetro-Frontend](#) [Benetro-Backend](#)

- Hospital Management System** | Final year College project | React, mongoDB, nodejs, Express js *May 2017 - Aug 2017*
- Developed a full-stack hospital management system using the MERN stack (MongoDB, Express, React, Node.js)
  - Implemented features for patient registration, appointment scheduling, medical records management, and billing to provide a seamless experience for both hospital staff and patients.
  - Designed an intuitive user interface (UI) using React, making it easy for users to navigate and access various modules, including patient details, doctor information, and appointment history.

- Technical Documentation Page** | personal project
- This page serves as a comprehensive guide on the basics of web development, covering HTML, CSS, and JavaScript. Information is referenced from MDN Web Docs (developer.mozilla.org), a trusted resource for developers, ensuring accurate and up-to-date knowledge.
  - Designed with a clean and organized layout, the documentation allows users to easily navigate through key concepts and gain a strong foundation in front-end web development.
- Project link:** <https://codepen.io/dipendra-kushayet/pen/yLzKoPX>

- Personal Portfolio**
- This portfolio showcases a collection of my personal web design projects, highlighting my skills in front-end development and UI/UX design. Projects demonstrate my expertise in HTML, CSS, and JavaScript, with a focus on creating clean, responsive, and visually appealing web designs. [Visit portfolio](#)

## ACHIEVEMENTS AND CERTIFICATIONS

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- Completed a freecode camp certification representing approximately 300 hours of coursework.
- Completed a MERN stack certification course at Deerwalk training center and created some projects
- Completed Internship Certification on Full Stack Development at Searchable Design LLC
- Mentorship at SNSC IT club on MongoDB essentials

## VOLUNTEER EXPERIENCE AND LEADERSHIP PROGRAMS

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- SNSC IT CLUB** *Feb-2023*
- Mentored participants during a 2-day virtual session on MongoDB Database Essentials, sharing knowledge and guiding them through key concepts and practical applications.
- Extracurricular Activities**
- Regional level cricket player: selected and participated in the official tournament of U-16 regional games organized by the Cricket Association of Nepal.