

# UTSAV BARAL

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## Profile

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I have been creating websites and web applications for a little over two years as a UI/UX and React.js developer. Developing user-friendly platforms that they enjoy interacting with is my passion. I like utilizing a range of technology and design concepts to ensure that users have a smooth experience. I graduated from Tribhuvan University with a master's degree in computer science and information technology.

## Education

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**Central Department of Computer Science and Information Technology, TU** **Oct. 2021 – July 2024**  
*Masters of Science in Computer Science and Information Technology* *Kathmandu, Nepal*

**Himalaya College of Engineering** **Nov. 2014 – Aug. 2018**  
*Bachelor of Science in Computer Science and Information Technology* *Lalitpur, Nepal*

## Experience

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**InfoDevelopers Pvt. Ltd.** **June 2021 – October 2021**  
*UI/UX Engineer* *Lalitpur, Nepal*

- User interface development for corporate pay and connectIPS, two digital wallet systems.
- User interface and web application development for Ministry of Federal Affairs and General Administration (React.js).
- User interface and web application development for Government Integrated Office Management System (React.js).
- User interface and web application development for the digital lending system (Rapi Money), website and dashboard of the Nepal Police, Ministry of Health, Ministry of Land Reform and Management, and Sanima Bank Limited's subsidiary (Vue.js and React.js).

**Primasofts** **Oct 2020 – June 2021**  
*Software Developer* *Kathmandu, Nepal*

- Development of Real Estate Website using React.js, Node.js and Firebase.
- Development of Customer Data Management Web App using React.js, Node.js and Firebase.
- Development and maintenance of Primasoft's website using React.js and Node.js.
- React.js basics and responsive web design mentor for new interns.

**Learngaroo Learning** **June 2020 – Sept. 2020**  
*Web Developer* *Kathmandu, Nepal*

- Internship at Learngaroo Learning.
- Built REST API using Flask.
- Used AWS services such as S3 bucket and Transcribe.
- Created the Learngaroo homepage with HTML, CSS, and JavaScript..

**Incwell Venture Pvt. Ltd.** **May 2019 – May 2020**  
*Bootcamp, Intern, Software Developer* *Lalitpur, Nepal*

- Involved in development and maintenance of in-house project, Leave Management System (LMS) developed using React.js.
- Developed Black Forest website using HTML, CSS and JS.
- Received hands-on training in web development technologies such as, React.js and Node.js.

## Projects

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**Portfolio Website** | *Next.js, Nodemailer, Framer motion, shadcn* **August 2024 – Present**

- Personal Portfolio website developing using Next.js.
- Used Framer motion for animation between pages while changing the routes.
- Nodemailer used for email services.
- Shadcn used for UI Elements.

**Automatic Number Plate Detection System** | *Python, Tensorflow, Keras* **December 2023 – July 2024**

- ANPR System developed using CNN.
- Used YOLOv8 for extraction of number plates from vehicles.
- Compared VGG19 and ResNet50 to determine the highly accurate model for recognition.

### **Instagram Clone | *MERN Stack***

**June 2020 – July 2020**

- React.js, Node.js, Express.js, and MongoDB were used in the development process.
- Used JWT for authentication, Context API for state management.

### **COVID-19 Tracker | *React.js, Chart.js, Leaflet***

**January 2021 – February 2021**

- COVID-19 Tracker web app developed using React.js.
- Chart.js is used for visualization of the data.
- Leaflet is used for displaying the stats on a map for different countries.

### **E-commerce web app UI | *React.js, SCSS, Bootstrap***

**March 2022 – March 2022**

- E-commerce website UI developed using React.js, Bootstrap and SASS.

## **Technical Skills**

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**Languages:**HTML5/CSS3, JavaScript(ES6), Python

**Libraries/Frameworks:**React.js, Next.js, Redux, Context API, SCSS, Bootstrap, Ant Design, Tailwind CSS

**Technologies:** Git, BEM Methodology, REST API, Responsive Web Design