

# Hemlal Dulal

Ekantakuna, Lalitpur, Nepal

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## TECHNICAL SKILLS

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**Proficient:** HTML, CSS, JavaScript, jQuery, Typescript, Node.js, Express, React, Next.js, Redux, MongoDB, PostgreSQL, MySQL, Python/Flask, Git/Github, Tailwind CSS, GraphQL, Unix/Linux, Postman, Docker, Render, Netlify, Prisma, Jira  
**Knowledgeable:** Blockchain, Figma, SCSS, C, C++, C#, Java, .NET, AWS, Angular, PWA

## PROJECTS

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**2Pangre E-commerce** | Web App (<https://twopangre.onrender.com>) - November 2023

- Developed bike's E-commerce web app with a login/signup feature with access token expiration and refresh token
- Developed authorization and session-based validation middleware for securing backend routes
- Implemented "Add to Cart" functionality to enable users to select and order their desired products seamlessly
- Used REST API to perform CRUD operation and also implemented Admin Dashboard

**Tech Stack:** React, Redux, MongoDB, Styled Components, Node.js, Express, Render

**BlogApp** | Web App (<https://github.com/Hem1144/fullstackopen/tree/main/part5/bloglist-backend>) - September 2023 ▪  
Created a blogging platform with a commenting and liking feature

- End-to-end web app with login/signup feature

**Tech Stack:** React, Redux, Node.js, ReactRouter, MongoDB

**Portfolio Website** | Web App | Sole Developer (<https://hemlal-dulal-portfolio.vercel.app>) - June 2023 ▪

Experience my dynamic portfolio crafted with Next.js and styled with Tailwind CSS. It seamlessly blends functionality and design, showcasing my expertise with interactive elements and responsive layouts.

**Tech Stack:** NextJs, Tailwind-CSS, Vercel, HTML

## WORK EXPERIENCE

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**GrowByData, Associate Software Engineer February 2024 – Present**

- Expertise in building dynamic and interactive UI components using React.js for enhanced user experiences
- Redux Implementation: Proficient in implementing Redux for state management in large-scale React applications
- Proficiency in designing and managing MySQL databases, ensuring efficient data storage and retrieval accordingly
- Node.js Proficiency: Gained expertise in Node.js to build server-side applications and manage backend logic
- Proficient in MongoDB: Acquired in-depth knowledge of MongoDB, a NoSQL database, for data storage and retrieval
- Knowledgeable about Big Data concepts and technologies, enabling better understanding and integration within projects

**TEJ Fellowship, Trainee June 2023 – February 2024**

- Acquired the necessary soft skills and full-stack web development (MERN stack) knowledge to be a software engineer
- Established teamwork skills engaged in rigorous peer programming practice and built up a logical thinking mindset
- Developed project management expertise from industry veterans with decades of experience
- Learned algorithm-solving and whiteboarding sessions and worked with the SDLC framework

## EDUCATION

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**TU, (Patan Multiple Campus), BSc.CSIT (November 2018 - September 2023)**, Bachelor of Science in Computer Science and Information Technology (acquired 75%)

## ACHIEVEMENT AND AWARDS

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- Achieved a Certification from the University of Helsinki for completing the Full Stack Open Course (<https://studies.cs.helsinki.fi/stats/api/certificate/fullstackopen/en/c010b1ea53d2c79b02138c33c2b5b5b8>)
- Introduction to SQL Server (<https://t.ly/dUGfb>) ▪ Intermediate SQL Server: (<https://rb.gy/3fz6lu>)