

# TILAK BHUSAL

[LINKEDIN](#) | [GITHUB](#) | [PORTFOLIO](#)

## PROFILE SUMMARY

As a driven backend developer, I specialize in building scalable web applications and robust APIs using .NET Core, SQL, and Entity Framework Core, with a strong focus on database maintenance. I also have knowledge of Node.js, enabling me to adapt to various technologies and project requirements.

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12, Harkatta, Nawalparasi

## EDUCATION

**Bachelor of Science and in Computer Science and Information Technology | 2017-Present** [Nepathya College, Tilottama](#)  
Relevant Coursework: Programming Fundamentals(C,C++), Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems (SQL, NoSQL), Web Technologies (HTML, CSS, JavaScript, Nodejs), .NET Application Development (ASP.NET Core, Entity Framework), Software Engineering

### Intermediate Level In Science | 2015-2017

[Scholars Home, Butwal](#)

Relevant Coursework: Mathematics, Computer Science, Physics

## SKILLS

Html, CSS, Node.js, Express.js, SQL, .NET

## EXPERIENCE

**Backend Development with Node.js** [Bootwal R&D Company, Third Semester of 2018](#)

- Built RESTful APIs using Node.js and integrated databases with SQL
- Implemented secure authentication using JWT and optimized backend performance
- Gained hands-on experience in scalable application development

### Backend Development with .NET

[Nepathya College, 6th and 7th Semester Project Work, 2018](#)

- Studied ASP.NET Core as part of the 6th-semester curriculum, gaining a strong understanding of backend development
- Applied knowledge in the Vaccination Management System project during the 7th semester, implementing secure and efficient backend logic. Applied React state management for efficient and scalable application functionality
- Designed and integrated a database using Entity Framework for data management and retrieval
- Developed RESTful APIs

## PROJECTS

### Med-Mitra: A Smart Vaccination Management System | 2018 | [Link](#)

[Group Project, Nepathya College](#)

- Developed a robust backend with ASP.NET Web API, incorporating secure data management
- Utilize SQL Server to store and manage data

### NPWalks | 2018 | [Link](#)

[Bootwal R&D Company and Independent Project](#)

- Designed and developed a fully functional E-Commerce Application using .Net
- Built RESTful APIs about the Region, Walks, and Difficulty
- Integrated SQL for dynamic data storage and retrieval

### Hotel Management System | 2019 | [Link](#)

[Independent Project](#)

- Developed a comprehensive Hotel Management System using Node.js and Express.js
- Managed key functionalities such as Users, Manager, hospitals, Foods.
- Utilized SQL Server to store and manage data after successful validation

## LANGUAGES

English , Nepali , Hindi

## REFERENCES

Shiva Bhattarai | Bootwal R&D  
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