

ABISHEK BHANDARI

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INTRODUCTION

As a graduate with a Bachelor's degree in Computer Engineering from Tribhuvan University, I am eager to contribute my technical knowledge and problem-solving skills to the dynamic field of telecommunications. My academic background, coupled with hands-on experience in network management, software development, and quality assurance, has equipped me with a solid foundation to excel as an Assistant Engineer in the Telecom industry.

EDUCATION

Bachelor's in Computer Engineering 2018 - 2023

IOE Paschimanchal Campus, Tribhuvan University, Nepal
First Division

- Relevant Coursework: Programming in C, Object Oriented Programming(C++), Data Structure and Algorithm, Database Management System, Electronic Devices and Circuits, Data Communication, Computer Network, Distributed System

Higher Secondary(+2 Science), National Examination Board 2016 - 2018

Gandaki Boarding School, Nepal
Grade: 3.63

WORK EXPERIENCE

Quality Assurance Intern

Cloudtech Service, Nepal
15th Jan, 2024 - 12th April, 2024

- Tested enterprise-grade applications, including an insurance enrollment platform and dashboards for representatives, members, and groups, as well as an admin module.
- Developed test cases and executed them manually
- Acquainted with bug identification and reporting procedures and understood their life cycle within the development process.
- Conducted API testing with Postman and performance testing with Jmeter
- Learned about manual and automated testing techniques

CERTIFICATION

90 hours of Professional CCNA Training, Broadway Infosys

10th Dec 2023 - 19th Feb 2024

General Civil Engineer License , Nepal Engineering Council

Dec 2023

SKILLS

Programming: C, C++, Python

Web Development: HTML, CSS, Javascript, PHP

Database: Database Design, MySQL, MS SQL server, MongoDB

Tools: Cisco Packet Tracer

Networking Skills: Understanding of network protocols (TCP/IP, DNS, DHCP), Knowledge of IPv4 and IPv6 addressing, Subnetting, VLANs, Routing and switching fundamentals

Security: Familiarity with access control lists (ACLs), Knowledge of firewalls, VPNs, and secure network architectures

Operating Systems: Familiarity with network-related aspects of operating systems (Windows, Linux)

Soft Skills: Fluency in English, Teamwork and collaboration

PROJECTS

Mushroom App: Image Classification into Edible and Inedible

Fulfillment of final year project

Supervisor Ass. Prof Urbara Bhandari, Department of Electronics and Computer Engineering

- Developed a mobile application using Flutter, Flask, and Python libraries.
- Classification of images into edible and inedible.
- Implemented a CNN multilayer architecture for accurate image classification.
- Report: [Mushroom App: Image Classification into Edible and Inedible](#)

QR-Based Canteen Management System

Fulfillment of minor project

- Developed a QR-based prepaid food coupon system using C# and .NET with potential implementation in college canteen.
- Implemented QR code login, food selection, payment, and automated bill printing.
- Created an admin panel for managing categories, products, users, and viewing sales data.
- Report: [QR-Based Canteen Management System](#)

Online food order system using PHP

Web Development Project

- Developed a food order website that allows customers to order food items.
- In the website customers can browse through food items and place an order.
- Implemented admin panel to view and manage food items, user accounts and customer orders.
- Utilized HTML, CSS, and JavaScript for front-end design , PHP for backend processing and MySQL for data management.

PUBLICATION

Bhattarai, Ichchha Babu, Abishek Bhandari, Nitesh Pokhrel, Anup Adhikari, and Hari Prasad Baral. "QR-based Canteen Management System." *Journal of Information Technology and Digital World* 6, no. 3 (2024): 217-227
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