

Ayush Acharya

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Personal Statement

A young professional and enthusiast who supports growth and constructive change. Eager to participate in creative initiatives in a fast-paced setting and work with cross-functional teams and enthusiastic in using theoretical understanding in practical computing system applications. In the quickly changing domains of engineering and technology, one is constantly looking for chances to learn, adapt, and innovate.

Education

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| Pokhara University | July 2019 – July 2024 |
| <i>Bachelor's in Computer Engineering CGPA: 3.05/4.0</i> | <i>Pokhara, Nepal</i> |
| <ul style="list-style-type: none">Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Cloud Computing, Data Mining | |
| Reliance International Academy | July 2017 – July 2019 |
| <i>Higher Secondary Education (Science) CGPA: 3.12/4.0</i> | <i>Kathmandu, Nepal</i> |
| <ul style="list-style-type: none">Major Subjects: Physics, Mathematics, Computer Science | |

Research & Projects

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| Breast Cancer Detection Using CNN & OpenCV | 2024 |
| <i>Major Project</i> | |
| <ul style="list-style-type: none">Developed a CNN model achieving 98% accuracy with compare at ResNet-50 in classifying breast cancer histopathology images.Utilized Python, TensorFlow, and OpenCV for image preprocessing and model training. | |
| RB Solution Website | 2023 |
| <i>Minor Project</i> | |
| <ul style="list-style-type: none">Designed a responsive front-end interface, increasing client engagement by 30%.Built a SQL/PHP platform for managing the customer data. | |

Technical Skills

Programming: Python, SQL, MySQL, HTML/CSS
Tools & Frameworks: TensorFlow, OpenCV, LaTeX, Convolutional Neural Networks (CNN)
Languages: English (Professional), Nepali (Native)

Interests

AI/ML applications, collaborative problem-solving, open-source contributions