

SABIN MAHARJAN

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EDUCATION

Tribhuvan University <i>Bachelor of Science; Major: Computer Science; Grade: Distinction</i>	Kathmandu, NP Nov 2019 - Nov 2023
National School of Sciences <i>High School Diploma; Major: Biology & Mathematics; Grade: A</i>	Kathmandu, NP Jul 2017 - Aug 2019
National United School <i>Secondary School; Major: Computer Science & Mathematics; Grade: A+</i>	Kathmandu, NP Jan 2007 - Jun 2017

SKILLS

Programming Languages:	Java, Python, Dart, Kotlin, C#
Libraries & Frameworks:	Spring Boot, Flutter, Django, .NET
Databases:	MySQL, PostgreSQL, MS SQL, Oracle SQL
Tools & Platforms:	Git, Docker, Firebase, Netlify, Vercel & Jira

PROJECTS

Sortify <i>Sorting Algorithm Visualizer in Java</i>	https://github.com/sabinmhx/sortify
<ul style="list-style-type: none">Integrated multiple sorting algorithms, including Bubble Sort, Insertion Sort, Selection Sort, Merge Sort, Shell Sort, and Quick Sort.Added user controls to adjust the speed of the visualization, enabling users to observe the sorting process at different rates.	
KitabPremi <i>Online Bookstore Website in PHP</i>	https://github.com/sabinmhx/kitabpremi
<ul style="list-style-type: none">Built an e-commerce web project for buying and selling books using HTML, CSS, JS, PHP and MySQL.Integrated payment gateway with Paypal Sandbox using Paypal API.Incorporated the DomPDF library allowing administrators to generate professional invoices for book orders.	
Bharnaa <i>Online Medical Appointment System in Java (In Progress)</i>	https://github.com/sabinmhx/bharnaa
<ul style="list-style-type: none">Proficiently utilized Java Spring Boot, Spring Data JPA, Spring Security, Hibernate, PostgreSQL.Implemented secure user authentication and HIPAA-compliant data protection.	
Attendance <i>Attendance System with Face Recognition in Python</i>	https://github.com/sabinmhx/attendance
<ul style="list-style-type: none">Developed a Python-based attendance system to streamline the process of tracking student attendance in college classes.Utilized OpenCV's deep learning-based face detection model, achieving an impressive 95% accuracy rate in detecting student faces.Implemented Haar Cascade classifiers to detect specific facial features, such as eyes and mouths, enhancing the accuracy of face detection even in challenging scenarios.	

AWARDS

Mahatma Gandhi Scholarship for High School	2017
NIST Principal Scholarship for High School	2017