

DIPESH LAMA

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Enthusiastic and passionate individual who recently graduated with a Bachelor of Science in Information Technology from Softwarica College of Information Technology and E-Commerce. I am looking forward to working at your organization and using my knowledge that I have gained from my coursework and self-study to good use. I am also willing to learn even more during the course of this period with you.

EDUCATION

2019-2021

BSC(HONS) COMPUTING, COVENTRY UNIVERSITY

I recently graduated from Softwarica College of IT & E-commerce which is in collaboration with Coventry University of UK

2015-2017

+2 COMPUTER SCIENCE, MANAGEMENT, GOLDENGATE INTERNATIONAL COLLEGE

I completed my +2 with computer science major in management stream. Acquiring knowledge on basics of computer programming was one of the best experiences throughout my study.

CERTIFICATIONS

2019

LEVEL 4 DIPLOMA IN COMPUTING, NCC EDUCATION

As a result of my first year of education at Softwarica College, I was certified a diploma degree from the NCC Education UK.

2020

ARTIFICIAL INTELLIGENCE ANALYST, IBM

Throughout this course I acquired knowledge on deep learning, machine learning, artificial intelligence, IBM Watson and many more.

PROJECTS

WEB APPLICATION

GOOD REGIME (WEB BASED REACT-REDUX APPLICATION, AGILE METHODOLOGY)

- Website where users can learn about any political party, government, and politicians around the globe.
- Users can rate and leave feedbacks on any political party, government, and politicians

- Admin side panel is also developed where an admin can perform CRUD operation on data regarding respective areas
- Developed with an aim to form better government and select a better political leader for a nation
- MERN stack is used as a part of development
- Worked in an agile development methodology where, I was played the part as a Scrum master and UI/UX designer.
- Project host link: <https://good-regime.netlify.app>

E-COMMERCE (MERN STACK, ANDROID APPLICATION)

- Website and an android application where users can buy and sell electronic gadgets.
- Register and login feature with proper validation is done
- Users can view products, add products to cart, and purchase them. Also, users can write a review of the product.
- Full flexibility to perform CRUD operations
- Kotlin was used as a programming language for building an android application
- Retrofit was used as a client to perform API integration tasks in android
- Web Application Video Link: <https://www.youtube.com/watch?v=hKWzYP41nkE>
- Android Application Video Link: <https://www.youtube.com/watch?v=Kgb00NFJGrQ>

HUMANOID ARM (GROUP PROJECT)

- It is an IOT project based on Arduino
- A replica of human arm and its controller was built
- Fundamental parts of arm were made by using 3D printer
- Actuators like flex sensors, servo motors, NRF module and buck module were used
- Flex sensors were used to read data from the controller which was sent through NRF module
- Data retrieved through NRF module in humanoid arm was mapped to servo motors for mimicking instant movement of human arm
- It was built with an aim to minimize different industrial accidents.

EXAM SYSTEM USING JAVA SWING APPLICATION

- It is a computer program where MCQ test can be taken
- Register and login feature with proper validation is done
- Admins can set questions for four different modules
- CRUD feature is available for admins to bring a change in their question.
- Question appears randomly while appearing the test
- Final score is calculated and displayed in examinees dashboard
- MySQL is used as a database
- Project Link : <https://github.com/DipeshLama/ExamSystemUsingJava>

SKILLS

- Programming languages: JAVA, Kotlin, JavaScript, HTML, CSS
- Database: MySQL, MongoDB, Graph DB
- Collaboration Tools: GitHub, Trello
- Design Tools: Adobe XD, Figma, Illustrator