

# ABHINAV RAJ JHA



Knowledgeable Computer Operator at setting controls and running specific daily tasks. Collaborative and Communicative with proven history of quickly fixing minor issues and helping resolve more advanced problems. Meticulous in data Management Procedures, Analyzing Cyber threats at basic level. Expert operator, experienced in database server monitoring, troubleshooting and technical support verifying operational details. Detail-oriented and systematic with organized approach and positive learning attitude.

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## EDUCATION

### B-TECH (COMPUTER SCIENCE & ENGINEERING)

SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

2019-2023

### HIGH SCHOOL

HOLY CROSS SCHOOL

2011-2019

### PRIMARY EDUCATION

ST. THOMAS SCHOOL

2006-2011

## WORK EXPERIENCE

### APPLICATION DEVELOPER (PROJECT INTERN)

NATIONAL INSTITUTE OF ELECTRONICS & INFORMATION TECHNOLOGY

(MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY)

- Designed and developed high-performance Android applications in Java, prioritizing optimal user experiences.
- Translated requirements into technical designs, fostering effective teamwork with product managers and designers.
- Implemented robust code architecture with industry best practices, ensuring code reusability and stability.
- Stayed current with Android trends, adopting new technologies and collaborating on visually appealing interfaces with the UX/UI team.

### DEVELOPER (JUNIOR INTERN)

THE CHAKRAS FARM LIMITED (EARLY-STAGE ENTERPRISE)

- Collaborated with other developers to identify and alleviate software errors and inefficiencies.
- Developed programs from ground up using measured, market- focused approach to eliminate waste and streamline implementation cycle.
- Revised, modularized and updated old code bases to modern development standards, reducing operational costs and improving functionality.
- Gathered and defined Customer requirements to develop clear specifications for project plans.
- Researched new technologies, software packages and hardware products for use in website projects.

## SKILLS

Human Resource Management	Project Management
Analytical Skills	Computer Proficiency
Business to Customer Expertise	Business Development
Content Management	Research And Analysis (R&A)
.NET (framework)	Java
Flask (framework)	Python
C	C++
C#	XML
HTML	CSS
Angular	MySQL
Google Cloud	Amazon Web Services
Microsoft Azure	XML
IBM-QRadar (SIEM TOOL)	X-Force Red (IBM)

## PROJECTS

### Image Registration using Ensemble Techniques

- Modified Existing algorithms to eliminate image noises and retaining details.
- Used Python packages and Libraries.

### Report Card Generation

- A Project where the results of students were fetched and displayed.
- Used Python connectors for connecting to database.
- Used MySQL for storing and sorting of the records.
- Front end development using Angular.

### Echo Techno Shoe

- A Shoe design with fall detection and an off load charging capacity up to 11V ~2.25A (DC) for devices with battery capacity of 3500Mah
- Used Arduino to analyze and create alerts received from various sensors used.
- Web Applications development done using Angular along side database management using MySQL.

# WORK EXPERIENCE

## HUMAN RESOURCE INTERN

### ENGINEER'S CRADLE (EARLY-STAGE ENTERPRISE)

- Conducted Hiring process for the company.
- Served as first point of contact for virtual & onsite employees.
- Modified existing strategies for employee handling retentions and issue escalations.
- Tracked HR issues to resolutions & escalated, if needed.
- Completed HRIS data entry, reporting, auditing & assisted in payroll request.
- Identified companies' setbacks and developed, implemented solutions for automation of tasks.

## EBTO OFFICER

### STUDENT RESEARCH FORUM (NON-PROFIT RESEARCH ORGANIZATION)

- Creating action plans and timeline including contingency planning, and establishing goals, roles, and responsibilities.
- Communicate impact driven plans to senior management, the broader organization and external market ecosystem.
- Develop partnership with researchers and research facilities for new research programs under research faculty professors.
- Organize and manage project teams which involves fostering collaborations, convening, and facilitating meetings.

## STEM INSTRUCTOR

### SCIENCE UTSAV (ED-TECH COMPANY)

- Actively developed and updated the existing curriculum.
- Coached Many Students with STEM Teaching methodology.
- Conflict resolution among the learning body.
- Trained new instructors with feedback and upskilling methods.
- Participated in Daily meets to discuss and address the issues and actively work on resolutions with the team.

## EDITOR & WRITER

### EDITORIAL BOARD, SMIT (COLLEGE PRESS & MEDIA)

- Maintained professional, friendly, and productive relationships with coaches, athletes and team representatives to stay updated on team strategies, changes and victories.
- Assigned stories, led content development meetings, and reviewed completed stories and victories.
- Reviewed reports and recommended changes to improve copy flow.
- Managed EIC's calendar of meetings, editorial tasks and overall publication.

## TRAINING & PLACEMENT SECRETARY

### SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

#### (COLLEGE PLACEMENT CELL)

- Managed the placement drives and onboarding process.
- Managed the student database and records.
- Proven track record of delivering training program.
- Showcased excellent presentation and facilitation skills for audience of varying size and preference.

# PROJECTS

## Human Resource Management (CAPSTONE PROJECT)

- capstone project by coursera.org as a part of training from Specialization Course.

## Bug Hunting YouTube

- Reported YouTube of Critical UI/UX Failure in Video Playback Systems.
- Received appreciations from YouTube for Bug Discovery

# CERTIFICATIONS

## Google IT Support (Specialization)

*The Networking, Operating System, Database & modern Computational techniques were trained for the Modernizing Infrastructure techniques.*

## Human Resource Management (Specialization)

### University of Minnesota

*Capstone Project Completed for experience, specialization, done via coursera.org platform.*

## Security Analyst Fundamentals – IBM (Specialization)

*Acquired in-depth knowledge in forensic tools, incident response planning, and penetration testing, with expertise in threat intelligence, defensive tactics, application security, data loss protection, endpoint protection, and SIEM tools (IBM-QRADAR). Successfully applied skills in virtual labs and real-world security breach investigations, identifying attacks, vulnerabilities, and providing prevention recommendations.*

## 30 Days of Google Cloud

*Extended Cloud Training and challenge program to understand the cloud functionalities from Google Cloud.*

## AWS Fundamentals: Going Cloud Native

*Learnt about Amazon Web Services.*

## Microsoft Azure

*Completed and Earned Badges & Trophies, had made self-made projects using Azure tools.*

## Introduction to Financial Markets

## Indian School of Business

*Learnt about corporate business management, and analytics.*

# LANGUAGES

## English

*Native or Bilingual Proficiency*

## Nepali

*Native or Bilingual Proficiency*

## Hindi

*Native or Bilingual Proficiency*

## Maithili

*Professional Working Proficiency*

# CO-CURRICULAR

## STUDENT CO-ORDINATOR

### NATIONAL SERVICE SCHEME (NSS), SMIT (NSS CLUB)

- Served as the main liaison between the students and the administration.
- Conducted multiple community awareness drives and programs.
- Negotiated with vendors for cost cuttings and implementing strategic usage of capitals.