Amresh Sharma

MEng. In Geomatics Eng. | University of Calgary

Enthusiastic and dedicated Geomatics Engineering student seeking opportunities to apply academic knowledge, gain practical experience, and contribute to geospatial projects.

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📍 Calgary, Canada
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EDUCATION

Master's in Geomatics Engineering
University of Calgary

02/2024 - Present   *Calgary, Canada*

Bachelor's In Computer Science and Engineering
SRKR Engineering College

07/2018 - 07/2022   *Bhimavaram, India*

WORK EXPERIENCE

Software Enigneer
Aerialarts Tech LLC Pvt. Ltd.

07/2022 - 08/2023   *Kathmandu, Nepal - Remote Job*

Tech professional with expertise in IT solutions, SaaS, and software product development. Proven leader in project management, fostering innovation for client satisfaction. Results-driven, adaptable, and committed to contributing to tech company growth.

Achievements/Tasks

- Developed an e-commerce app using the Spring Boot Java backend framework and leveraged React for the frontend.
- Orchestrated a pivotal software product launch, boosting client satisfaction by 20% and recurring revenue by 15%
- Streamlined project development, slashing timelines by 30% through agile methodologies.
- Resolved intricate technical issues, amplifying system efficiency by 25% and earning praise from peers and clients.
- Led the integration of new technologies, driving a 10% increase in the company's market share.
- Collaborated closely with the sales team, contributing to a substantial 25% increase in new client acquisitions.

Contact : Dinesh Simkhada , HR Manager - dinesh.aerialarts@gmail.com

SKILLS

`Matlab, Geospatial Data Analysis` `Html,CSS,Javascript`
`C, C++, Python,Java` `Leaflet, Mapbox, OpenLayers`
`Spring Boot, Node js` `Git, GitHub/GitLab`
`PostgreSQL, MySQL` `ArcGIS, QGIS`

PERSONAL PROJECTS

Cricket Match Win Predictor (2022) ↗
- Technologies: python, streamlit, numpy, pandas, sklearn
- The predictor uses machine learning algorithms to analyse past IPL cricket match data and make predictions on the probability of a team winning a match.

Admin Dashboard: https://aks-admin-dashboard.netlify.app/ (2022) ↗
- This admin dashboard, built with HTML, CSS (utilizing Tailwind CSS), and JavaScript (using React.js), is designed for E-commerce websites.

Hospital Management System : https://github.com/AmreshSharma01/Hospital-Management-System (2021) ↗
- This web-based hospital management system operates in real-time, recording comprehensive details of patients and doctors. This website integrates Node.js, Express.js, and MySQL for the backend and React.js and Bootstrap for the front end.

CERTIFICATES

GUVI Certification (2021) ↗
Build a Face Recognition Application using Python -2021

Infosys Certification (2021) ↗
Certified Software Programmer *by Infosys Limited, Indian Multinational IT Company*

LANGUAGES

Nepali
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

English
Full Professional Proficiency

INTERESTS

`Reading Books` `Playing Cricket` `Listening Music`
`Meditation` `Exploring New Technology`