Aakrit Subedi

Software Engineer
+977-9808858237

Kathmandu, Nepal

aakritsubedi9@gmail.com
aakritsubedi - Github
aakrit-subedi - LinkedIn

Forward-thinking software engineer with a proven history of leading development teams and transforming ideas into scalable software solutions. Eager to deepen my expertise in software engineering, with a special focus on full-stack development, agile methodologies, and deployment. Proud team player focused on achieving project objectives with speed and accuracy. Committed to contributing to a team that values creativity, continuous learning, and collaborative problem-solving.

Experience

Naamche Inc - Tech Lead
Acquired by ReAlpha Tech Corp
Sept 2021 - Present

- Led the reAlpha team through the comprehensive development of products, from the initial stages of decision-making and design to the development phase.
- Contributed to the implementation and maintenance of backend and frontend application development ensuring robust and scalable architecture
- Involved in the deployment of applications on AWS, emphasizing seamless operations and scalability
- Facilitated agile development processes by conducting sprint planning, weekly demo sessions with clients, and leading daily scrum meetings, ensuring project milestones were met efficiently and effectively incorporating all client feedback to refine and achieve product excellence

Leapfrog Technology - Software Engineer
Oct 2019 - March 2022

Software Engineer II
- Continued to excel in application development with minimal to no supervision, demonstrating increased autonomy in projects.
- Engaging in project planning discussions, exploring foundational technologies, and developing scalable applications.
- Played a pivotal role in mentoring new team members and trained an intern batch on building API systems using Node.js. Actively participated in conducting interviews for software engineers and interns
- Engaged in diverse aspects of application development, with new skills in Data Pipelines to enhance data flow and processing, contributing to the overall efficiency

Associated Software Engineer
- Started working after completing an internship where I was fully involved in learning new skills. Oversaw application development projects with the guidance of seniors and skillfully managed both front-end and back-end duties
- Proactively participated in client meetings, integrated comments into project iterations, and gave thorough demos to stakeholders highlighting the development and features of the application

Academic Project

Derm Meds

Derm Meds is a web-based application designed with an engaging and interactive user interface that is based on an AI model to predict the stages of skin cancer. At its core, the system utilizes machine learning algorithms and Convolutional Neural Networks (CNN), to analyze skin images and accurately determine the potential phase of cancer.

- Oversaw the development of a successful prediction model for the study and selection of Convolutional Neural Networks (CNN) for image-based skin cancer detection.
- Carried out several trials to optimize the CNN model's stage prediction accuracy.
- Involvement in the curation of datasets and selected high-quality photos that were essential for training the model and also consulted with doctors and the research team in DISHARC for real datasets and testing accuracy of the model
- Contributed to project documentation that covered the development of the Flask API and the use of machine learning methods.

Education

Bachelor in Computer Engineering (Tribhuvan University)   **2015-2019**
Kantipur Engineering College, Dhapakhel
- Awarded with full scholarship
- Winner of Best Software Award in LITE 2018
- Member of a computer club

National School of Science, NIST   **2013-2014**
Lanichaur, Kathmandu

Extra Curricular

- Created a community for computer engineering students by building a website where students can find and share study material resources, blogs, and tutorial videos. This website has helped over 5 thousand students as of now.
- Organizing committee of the Technical Exhibition, LITE 2019
- Worked as a part-time programming tutor at Sagarmatha Engineering College.
- Mentored fellow participants of the LITE Hackathon, organized by Kantipur Engineering College.
- Presented Tech talks to undergrad students, sharing knowledge in various domains and my professional experiences

Awards

Ncell App Camp 2015
Finalist in the app competition

Led a team of four in the Ncell App Camp competition. I was involved in our cab booking app from inception to final presentation, involving comprehensive market research and direct client surveys to validate our app idea and refine our business strategy.

LOCUS 2017
People's Choice Best Project

Member of the team that developed a tourism application platform and was awarded the "People's Choice Best Project" in a nationwide technical competition organized by IOE, Pulchowk.

LOCUS 2018
Best Software Project

Member of the team that developed ERP software and was awarded the "Best Software Project" in a nationwide technical competition organized by IOE, Pulchowk.