

Naresh Kumar Kaushal

☎ +1 (530)231-0413 | ✉ nkkaushal@ucdavis.edu | [in linkedin.com/in/nareshkumarkaushal/](https://www.linkedin.com/in/nareshkumarkaushal/) | github.com/KaushalNaresh

EDUCATION

University of California, Davis (UC Davis) Master of Science in Computer Science GPA: 4/4	Davis, California Sept 2022 – May 2024
Indian Institute Of Technology Goa (IIT GOA) Bachelor of Technology in Computer Science and Engineering GPA: 9.17/10 (Institute Bronze Medalist)	Goa, India Aug 2017 – May 2021

WORK EXPERIENCE

WOAS Technology Pvt. Ltd. (Wooqer) Associate Product Engineer <i>Java · Spring Framework · JavaScript · CSS · MySQL · HTML</i>	Bangalore, India Jun 2021 – Apr 2022
<ul style="list-style-type: none">• Spearheaded the project to design a gallery with the feature of providing contextual feedback on images and sending context-based notifications.• Improved customer engagement by 45% through implementing the gallery's new features in visual merchandising for Lenskart and other retail stores.• Contributed as a back-end developer to improve the Wooqer mobile app (Android and iOS) by designing new APIs and optimizing existing ones, making it more dynamic and efficient.• Resolved product-related errors faced by customers in collaboration with the customer success and quality assurance teams.	
Planful (Host Analytics) Software Developer Engineer - 1 Intern <i>C# · MySQL · Git · Object Oriented Programming</i>	Telangana, India June 2020 – Dec 2020
<ul style="list-style-type: none">• Developed a data quality assessment tool to capture anomalies in financial data, assign a quality score, and provide customers with valuable insights and predictions.• Utilized the tool to detect sparse datasets, datasets with high fluctuations, and datasets with inconsistent values.• Contributed to debugging and testing efforts, resolving pending issues on JIRA and documenting the code to assist new team members during the onboarding process.	

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, JavaScript
Database and Web Development: React, HTML, CSS, MySQL, Spring Framework, Postman, REST API's
Others: Jira, Jenkins, Git, Keras, Numpy, Matplotlib

PROJECTS

Portfolio Link <i>Java Script · React.js · Firebase · Redux · CSS</i>	Dec 2022 - Present
<ul style="list-style-type: none">• Developed a personal portfolio website using React.js, inspired by the user interface of popular streaming platform Netflix.• Implemented authentication and added functionalities such as a feedback form and a like button for user engagement.• Successfully deployed the website on Firebase, providing a seamless user experience.	
Omdena real world AI Project Link <i>Python · Keras · Audio Processing · Deep Learning</i>	Nov 2021 - Jan 2022
<ul style="list-style-type: none">• Contributed to Omdena AI challenge, working in collaboration with Consenz (a Swedish company) and 40 global collaborators to enhance driver voice assistance technology through the use of Machine Learning, with the aim of reducing road accidents.• Spearheaded the pre-processing team to develop a model for speech enhancement using U-Net or Convolutional Autoencoders with skip connections.• Denoised higher Sound to Noise ratio (SNR) audio files, resulting in significantly lower word error rate.	
Feature Selection using deep learning (Btech Thesis) Link <i>Python · Keras · Deep Learning</i>	Jan 2021 - May 2021
<ul style="list-style-type: none">• Developed a supervised model for classifying High Dimension Low Sample Size (HDLSS) cancer data using mRNA-Seq gene expression values of patients with different molecular subtypes.• Applied Boosting, greedy feature selection, PCA, and Deep Neural Networks (DNN) to overcome the challenges of high variance and overfitting in HDLSS data.• Attained an accuracy of approximately 90%.	

HONORS, AWARDS & LEADERSHIP

Graduate Teaching Assistant: Working as TA for CHE-2B General Chemistry Laboratory and Discussion	Jan 23 - Mar 23
Institute Bronze Medal, Awarded Institute Bronze medal for second rank in CS department of IIT GOA.	2017 - 2021
IEEE student Branch: Elected as the Assistant secretary of IEEE students branch in IIT GOA	2019 - 2020