

Naresh Kumar Kaushal

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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)

Bangalore, India

Associate Product Engineer | *Java · Spring Framework · JavaScript · CSS · MySQL · HTML*

Jun 2021 – Apr 2022

- **Gallery for better Visual Experience:** Spearheaded the project of designing a gallery with the feature of giving contextual feedback on images and send context based notifications.
- Aided Lenskart and various other retail stores in their visual merchandising implementation using this new features of gallery and brought an increment of 45% in customer engagement.
- **Mobile Refresh Project:** Contributed as back-end developer to improve Wooqer (Android and iOS) app by designing new API's and optimizing existing ones and to make it more dynamic and efficient.
- **Debugging:** Contributed in resolving product related errors faced by customers by working with customer success and quality assurance team.

Planful (Host Analytics)

Telangana, India

Software Developer Engineer - 1 Intern | *C# · MySQL · Git · Object Oriented Programming*

June 2020 – Dec 2020

- **Data quality assessment tool:** Contributed to the data analytics team by designing a tool that capture anomalies in financial data and assigns it a quality score which helps customers in making important conclusions and predictions.
- Able to detect sparse dataset, dataset with high fluctuations and with inconsistent values using this new tool.
- **Debugging:** Contributed in debugging and testing the code to resolve pending issues on JIRA and documenting the code to help new joiners in their onboarding process.

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, JavaScript, HTML, CSS

Database and Web Development: React, MySQL, Spring Framework, Postman, Eclipse, REST API's

Others: Jira, Jenkins, Git, Keras, Numpy, Matplotlib

PROJECTS

Omdena real world AI Project [Link](#) [Python](#) · *Keras · Audio Processing · Deep Learning*

Nov 2021 - Jan 2022

- Contributed to Omdena AI challenge in collaboration with Consenz (Swedish Company) and 40 global collaborators to improve driver voice assistance technology using ML to help reduce 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 with significant lower word error rate.

Feature Selection using deep learning (Btech Thesis) [Link](#) [Python](#) · *Keras · Deep Learning*

Jan 2021 - May 2021

- Implemented a supervised model to classify HDLSS (High Dimension Low Sample Size) data given in the form of mRNA-Seq gene expression values of patients with different molecular subtypes of particular cancer.
- Integrated various techniques like Boosting, greedy feature selection, PCA (principal component Analysis) and Deep Neural Networks (DNN) to resolve 2 main issues of high variance and overfitting with HDLSS data.
- Achieved the accuracy of around 90%.

Netflix-clone [Link](#) [Java Script](#) · *React.js · Firebase · Redux · CSS · Stripe*

Dec 2022 - Present

- Implemented clone of popular streaming platform Netflix using React.js
- Included features like authentication using Firebase and working on to incorporate stripe functionality for subscriptions.
- Demo : <https://netflix-clone-991b6.web.app>
- Designed a react app for my resume with a look and feel of Netflix website : <https://resume-c79a2.web.app>

HONORS, AWARDS & LEADERSHIP

Institute Bronze Medal, Awarded Institute Bronze medal for second rank in CS department of IIT GOA.

2021

Mentor: Mentored interns in the engineering team to get them acquainted to Wooqer's product and tech stack.

2021

IEEE student Branch: Elected as the Assistant secretary of IEEE students branch in IIT GOA

2019-2020