# KUNAL KHANDELWAL

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## EDUCATION

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| **Bachelor of Engineering in Computer Science and Engineering** | **Jun 2018 -Jun 2022** |
| *Shri Ramdeobaba College of Engineering and Management, Nagpur, INDIA* | *GPA-7.97/10.0* |

**Courses:** *Algorithms and Design, OOPs, Computer Networks, Software Engineering, Artificial Intelligence*

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| **HSC - Class 12th** *M.P Deo Dharampeth Science College, Nagpur*, *INDIA* (2016-2018) | *GPA 81.2/100.0* |
| **CBSE Board - Class 10th** *Centre Point School, Dabha, Nagpur, INDIA* (2006-2016) | *GPA-10.0/10.0* |

## SKILLS

- Python, Java, C, HTML5, CSS3, JavaScript, Bootstrap, Android, Flutter, Django, Windows, MS-Suite, Google Firebase, APIs, MySQL
- Database Management, Data Structures and Algorithms, Data Analysis, Machine Learning, Data Visualization, Operating Systems

## INTERNSHIP EXPERIENCE

**Data Analyst Trainee, MedTourEasy, Delhi, INDIA**                                                 **Apr 2021**
- Worked on Python libraries and tools like Pandas, NumPy, Matplotlib, TPOT, Sklearn, Seaborn for precise analysis of data.
- Predicted Blood donations with an accuracy of 81% using Linear Regression Model.

**Software Development & Data Analytics Intern, Sapien Body, INDIA**                  **Jun 2020 - Aug 2020**
- Developed Web pages for new products. Worked on Usability features to make the website intuitive.
- Lead the Web Development & Data Analytics team. Optimized JotForm to improve product quality based on user experience.
- Optimized PPC and identified demand gen keywords using Google Keyword Planner and Amazon Brand Analytics Tool & deployed campaigns of new and existing products on Amazon India and Amazon USA.
- Made a custom chatbot for FAQs using Google Dialog Flow and automated emails.

**Software Testing & Technical Content Writer Intern, BridgeIntelia Solutions, Delhi, INDIA**         **Jun 2020 - Jul 2020**
- Worked on Portal development and bug testing on the ed-tech website. Delivered various technical articles.
- Improved mobile compatibility and ensured effective navigation. Optimized the registration process by ensuring fluent workflow.

## ACADEMIC PROJECTS

**Fare Prediction Using Machine Learning**                                          **Jun 2021 - Nov 2021**
- Developed application to predict and forecast the Flight and Taxi tariffs for users and enterprises.
- Tried and tested various models like Random Forest, Gradient Boosting, ExtraTreesRegressor, Decision Tree, K-Nearest Neighbor and Kaggle datasets were with an accuracy of 89.62% on predictions.
- Code compiled and deployed using Flask, HTML5, CSS3 and JavaScript.

**Map Based Application for Real-Time Crime Reporting -** https://crime-dashboard-for-police.netlify.app/         **Jan 2021 - May 2021**
- Learnt Flutter and built an application for reporting crimes in real-time. Used technologies like Google APIs for Google Maps, Google Firebase for the backend and frontend was built on HTML5, CSS3, JavaScript and PHP.
- Exact location, image, text, video, and audio are reported from the app to the police-side website synchronously.

**Hybrid Movie Recommendation System Using Personality Traits**                      **July 2021 – Nov 2021**
- Deployed a hybrid movie recommendation system considering the personality traits using technologies and libraries like HTML5, CSS3, Flask, Sklearn, NumPy, Pandas, SciPy and Pillow with an accuracy of over 80%.

**Unbeatable Tic-Tac-Toe AI**                                                        **Jan 2021**
- Web Application built using HTML5, CSS3, p5.js and Minimax Algorithm - https://tic-tac-toe-by-kunal.netlify.app/

## CONFERENCES AND PUBLICATIONS

1. '**A Novel Approach for Fare Prediction Using Machine Learning Techniques**'
   - Presented at *ICICA '21– International Conference on Innovative Computing and Applications 2021* and published in IJNGC - *International Journal of Next-Generation Computing* (https://ijngc.perpetualinnovation.net/index.php/ijngc/article/view/451)
2. **'A Modern Approach to Recommendation Systems'**
   - Presented at *ICTSGS 2021 - International Conference on Technologies for Smart Green Connected Society 2021.*

## LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

- *Microsoft Learn Student Ambassador Beta*, A group of passionate on-campus ambassadors who are eager to help fellow students Spreading knowledge in the global tech community by conducting webinars, hackathons, and workshops.
- *Core Team Member at Google DSC RCOEM*, Conducted Technical Events in the College on core & developing technologies.
- *Associate of Computer Machine Chapter RCOEM* – Executive Committee Member
- *Operations Manager at AIESEC in Nagpur,* 1. Raising New partners including top MNCs and Schools for the product Global Talent (iGT). 2. Strategizing & product packaging. Market Research using S&D Analysis.
- *Technical Head at Rotaract Club of RCOEM*
- *Volunteer at National Service Scheme RCOEM*

GitHub: https://github.com/kunalkhandelwal        LinkedIn: https://www.linkedin.com/in/kunal-khandelwal29/