

# KRITAGYA KUMRA

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## EDUCATION

**California State University - Los Angeles**  
Master's, Computer Science

**August 2023 - August 2025**  
GPA: 4

**Guru Nanak Dev University, Amritsar, Punjab**  
Bachelor's, Computer Science

**June 2018 - June 2022**  
GPA: 3.83

## SKILLS

AWS, Linux/Unix, Python, Java, JavaScript, MySQL, MongoDB, Next.js, Node.js, Bootstrap, NumPy, Pandas, HTML/CSS, Full Stack, ASP.NET, Machine Learning, Git, GCP, SEO, Data Analysis, Data Extraction, ETL Transform, Coding, MVC, Object-oriented programming language, problem-solving, SQL, PowerBI, Agile, REST APIs, GraphQL, Data Structures & Algorithms, Unit Test, Computer Science, Data Modeling, Oracle, Kubernetes, C#, Salesforce, Decision Making, AJAX, DOM, Gulp.js, Webpack, SEO, data mining, C++, Command line, Jest, Version control, Tableau, PowerBI, Spring, Jenkins, SAS, computer vision, data visualization, development life cycle, NLP, statistics, SAS, REST, Jenkins, Programming, Spring Boot, ERP, PHP, Microservices, Azure, content management, Business Central, database, e-commerce, web security, DevOps, WordPress, user requirements, compliance, interpersonal skills, MATLAB, system integration, specification, communication skills, AJAX, Chart, DOM, jQuery, MVC, SASS, WCF, Web API, PowerShell, Bash, Perl, data analytics, data science, data solutions, technical support, critical analysis, product management, TCP, Customer Service, business objectives

## PROFESSIONAL EXPERIENCE

**Gannon University**  
Junior Software Developer

**Erie, PA, USA**  
August 2023 - Present

- » Collaborated on IRB Tool, a platform where research projects are validated based on different parameters. Research projects are also validated based on how this would impact people's lives.
- » Captured better insights about Modern UI with HTML, CSS, JS, and Vue.js while working on this tool project with Figma while developing front and back-end parts of the IRB Tool with different teams and developed some parts of the API using full-stack principles.

**HeadStarter AI**  
Software Engineer

**Remote**  
June 2024 - September 2024

- » In this 3 months internship, I'll built five AI projects, and my final project will be developing a startup-based project
- » The aspect of this fellowship that most excites me was the opportunity to develop my abilities in areas like personal branding, interview preparation, networking, creating time-based assignments, and team project work During this process, I created projects like Professional Portfolio, Pantry Tracker, AI Flash Cards, Chatbot and many more.

**KPMG**  
Intern Software Developer

**Gurugram, Haryana, India**  
January 2022 - July 2022

- » Led revenue assurance initiatives in toll operations, focusing on data collection, cleaning, and detecting inconsistencies using KPIs. Gained hands-on experience conducting checks with SQL scripts in PostgreSQL. Worked on the Governance and Operations Tool, gaining insights into Modern UI development with HTML, CSS, and JS, while handling backend tasks in Microsoft SSMS. Additionally, contributed to frontend and backend development of an Audit Automation Tool, automating audit reports using SDLC methodology and structured sprints.

## PROJECTS & OUTSIDE EXPERIENCE

**Airbnb Clone**  
Developer

**Remote**  
March 2021 - July 2021

- » Replicated user-friendly UI with complete Logic and Design of Airbnb with modules like Home page, Check-in, and Check-out dates, Number of Adults and Children expected, and a List of rooms with their pictures and names.

**Advanced Computer Networks Subject at California State University, Los Angeles.**  
Graduate Student

**Los Angeles, CA, USA**  
January 2024 - May 2024

- » Started practicing the Networking concepts by taking the course of Advance Networking
- » I learnt tools like NMap, Tcpdump, NSLookup, Wireshark, dns, and many more with practical assignments and projects.

**Connect 4 using Minimax and Deep Neural Networks using Reinforcement Learning**  
Developer

**Los Angeles, CA, USA**  
February 2024 - May 2024

- » Developed Connect 4 game aiming to implement and train an agent on the game of Connect 4 using the Minimax Algorithm to optimize its gameplay.
- » Evaluated the algorithm's ability by comparing the model with a random agent playing the moves randomly.

**Birla Real Estate Price Prediction**  
Developer

**Remote**  
July 2022 - September 2022

- » Completed a model that will predict the price of any house by looking at the features like no. of bathrooms, no. of bedrooms, etc using Python, Sklearn, Pandas, Matplotlib, and Numpy.

**Hulu Clone using ReactJS**  
Developer

**Remote**  
February 2023 - September 2023

- » Created a project where you can surf around the site to find details about your favorite movies. Movies are segregated by various genres to look around for movies you prefer with features like Watchlist functionality, Search functionality, Casting page, list of seasons, and list of episodes.
- » Made using ReactJS using the concepts of SDLC methodology. Complete repo available on GitHub.

## CERTIFICATIONS

AWS Cloud Practitioner Certification