

Software Developer with 2 years of professional experience with different methodologies and organisations. Currently working as a **research assistant** & pursuing **Master's** Program in **Computer Science** from **California State University** Long Beach, California. Worked on multiple projects with different industries. Proficient with Python, Django Framework, Fast-API, DRF, Microservices, Data Science, Data Analytics, Visualisation, API development, Backend Architecture. Successfully deployed 5+ freelance Full Stack projects. Proficient with client interaction and adaptive communication skill set.

Work Experience

Research Assitant@College of Engineering,CSULB, California

From June 2023

Literature survey of existing formal specification techniques for self-adaptive robotic arms. Formal specification of multi-robotic arms. Formal modeling and analysis using PRISM model checking tool

Software Developer @Trade India Infocom LTD , Noida

From Dec 2021 to Jan 2023

Software Developer at TradeIndia, Responsible for Developing and Maintaining Trade India Backend Development and CRM Portal for TradeIndia Handling and Querying with databases where we have data for more than 5 million registered users. Collaborating with team members and external backend teams and other development teams. Primarily working on integrating existing Django Framework to Microservices (FAST-API), and delivering backed APIS from scratch on FAST-API - Development and Deployment. Collaborating with the team to migrate projects to microservices.

Software Developer @Fella Feeds ,Gurugram

From Aug 2021 To Dec 2021

Backend Developer at Fella Feeds Working on Delivering Backend APIs for multiple Mobile Application Projects on Django Rest Framework such as Doctor On Call, TraceLyf, Mera Doc, Little Marvels, and other applications.

Started from creating basic REST APIs To Creating Pipelines and Designing Backend Architecture For projects.

FullStack Developer @SBNRI ,Gurugram

From Jan 2021 To Aug 2021

Primary role as a Full Stack Developer, Responsible for Development and Maintenance of 3 SBNRI projects

1. SBNRI - web app 2. SBNRI - blog project 3. SBNRI Backend APIS

Responsible for Developing SBNRI Full-Stack web application from scratch on Django Framework. Maintaining and developing new modules for sbnri blog project. Developing Backend APIs for SBNRI mobile application on Django Rest Framework.

FullStack Developer Intern @Uptimus Datalogix ,Delhi

From Aug 2020 To Dec 2020

Full Stack Developer Intern at Uptimus Datalogix. Responsible for developing frontend applications for various projects, Contributed in developing Internal team management application for Ezeepay by performing CRUD application on PHP.

Education

Master of Science in Computer Science,California State University, Long Beach, California **2023-2025**

Bachelors Of Technology Computer Science ,Jamia Hamdard, Delhi **2017-2021** **3.49 GPA**

Technical Skills

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| • Programming Languages - | Python, C++, C, Java, PHP |
| • Frameworks - | Django, FastAPI, Laravel, Wordpress, Django Rest Framework, Flask |
| • Front-End - | HTML, CSS, Javascript, Ajax, JQuery |
| • Databases - | Postgres, SQL, SQLite, Elastic Search, Kibana |
| • DevOPS - | Heroku,AWS,Docker,PythonAnywhere,CPanel |
| • Version Control and Editors - | Git, Vim, VSCode |

Projects [GitHub link- https://github.com/ilmaan](https://github.com/ilmaan)

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| • Face Mask Detection Using Deep Learning | - Research Project |
| • CanTech Softwares | - Self Development Proprietorship |
| • Geek Techline | - Freelance Custom Build Web Application |
| • Billing System Uptimus Datalogix | - Full Stack Billing System with tax invoice and product addition |
| • People Solution Services | - Online Grievance Reporting Portal (Minor) |

Skills:

Software Development, Full-Stack Development, Microservices, Numpy, Pandas, Advance Statistics, ETL, Matplotlib, Seaborn, Plotly, Cufflinks, Folium Machine Learning, Ethical Hacking, Android Hacking Using termux, Adobe Photoshop, MS Excel, Jira, Bitbucket,, Shell, Docker, Tunnelling.