

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

- Conducted in-depth literature review of 20+ papers on self-adaptive robotic arm specifications.
- Formalized models for multi-robotic arm configurations and performed analysis with UPPAL.
- [Authored paper](#) submitted for acceptance at QRS 2023 conference..

Software Developer @ Trade India Infocom LTD , Noida

From Dec 2021 to Jan 2023

- Developed and maintained TradeIndia's Backend Development and CRM Portal.
- Managed databases with data for 5+ million registered users.
- Collaborated with internal and external teams on Django to FAST-API integration.
- Designed pipelined, and deployed backend APIs from the ground up using FAST-API.
- Assisted in migrating projects to microservices architecture, improving system and reducing latency by 20%.

Software Developer @ Fella Feeds ,Gurugram

From Aug 2021 To Dec 2021

- Developed backend APIs for multiple mobile applications using Django Rest Framework.
- Worked on projects including Doctor On Call, TraceLyf, Mera Doc, Little Marvels, and more.
- Proficient in REST API creation, pipeline setup, and backend architecture design.
- Designed database architecture for app used by 100K+ users monthly

FullStack Developer @ SBNRI ,Gurugram

From Jan 2021 To Aug 2021

- Developed and maintained 3 key SBNRI projects: SBNRI web app, SBNRI blog project, and SBNRI Backend APIs.
- Created the SBNRI Full-Stack web application from scratch using Django Framework.
- Launched responsive SBNRI website with 5K monthly visitors.
- Maintained and enhanced modules for the SBNRI blog project.
- Built REST APIs in Django Rest Framework for SBNRI mobile app.

FullStack Developer Intern @ Uptimus Datalogix ,Delhi

From Aug 2020 To Dec 2020

- Built front end UIs for internal ERP system using PHP and Laravel Framework.
- Contributed to the development of an internal team management application for Ezeepay by implementing CRUD operations using PHP.

Education

Master of Science in Computer Science,California State University, Long Beach, California

2023-2024

Bachelors Of Technology Computer Science ,Jamia Hamdard, Delhi

2017-2021

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,GCP |
| • Version Control and Editors - | Git, Vim, VSCode |
| • Formal Verification & Simulation - | UPPAAL, PRISM |

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

- [Performance Analysis of Cache size and set Assoc using Gem5](#) - Research Project
- [Bug Tracking Application](#) - bug tracking application built with Django
- [Face Mask Detection Using Deep Learning](#) - Research Project
- [People Solution Services](#) - Online Grievance Reporting Portal

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,Docker,Kubernetes, Shell, Docker, Tunnelling, AGILE,MVC,MVT,SCRUM,KABANA,Waterfall,RESTful API,AWS,Azure,GCP.