

RONIT AGARWAL

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EXPERIENCE

MetLife GOSC

Senior Associate Engineer

Noida

Mar 2023 - Present

- Developed a customer investment tracking app using React.js, implementing dynamic data visualization and responsive UI components, which improved portfolio visibility and user engagement by 45%.
- Spearheaded the development of CRM system using Python, Django, and Cassandra, enhancing client engagement and boosting satisfaction scores.
- Engineered a real-time data analytics dashboard with Python, pandas, and Plotly, providing key insights into market trends and customer behavior.
- Optimized backend processes by implementing asynchronous task queues with Python Celery, reducing server load by 50% and significantly improving system performance.
- Mentored junior developers in Python on best practices and coding standards, resulting in improved code quality and faster onboarding of new team members.

Associate Engineer

Sept 2021 - Mar 2023

- Led the design and implementation of RESTful APIs using Python frameworks such as PySpark and Django, collaborating with cross-functional teams to ensure seamless communication between frontend and backend systems, resulting in a 35% improvement in feature integration speed.
- Directed web app development with Python, HTML, CSS & JS, boosting stakeholder satisfaction by 40% through enhanced UX.
- Oversaw MySQL integration, optimizing data performance by 30% in collaboration with DevOps and data engineering teams.

Comviva: A Tech Mahindra Company

Gurgaon

Intern

Jun 2021 - Sept 2021

- Defined product functional analysis to translate customer specifications to develop product performance criteria and managed data on the database to keep the track of the workflow.
- Worked with the backend team to manage the easy flow of the transactions for the client on the application.

SKILLS

Languages:	Python, JavaScript (ES6+), HTML5, CSS3, SQL, Java
Frameworks & Libraries:	Django, Flask, PySpark, React.js, Jest, React Native, Pandas, Numpy
Databases:	PostgreSQL, MySQL, Cassandra
Tools & Technologies:	Git, AWS, Azure, RESTful APIs, Jupyter Notebook, Linux
Other:	Asynchronous programming, Responsive Web Design, Component-Based Architecture

PROJECTS

Real-Time Task Management SPA

React.js, REST APIs
Built a single-page application with modular components, state management, and API integration to manage and update user tasks in real time.

Fire Detection Model

Python, Computer Vision, openCV, smtplib
Designed and implemented a real-time fire detection model in Python to prevent and detect fire which has allowed it to minimize the damages.

Text Sentiment Detection

Python, LSTM, Tensorflow, Numpy
Created a deep learning model using LSTM Recurrent Neural Network(RNN) to detect the sentiment of anyone from their comments, with an accuracy of 93%.

EDUCATION

Amity University

B.Tech. Computer science

Noida

Jul 2017 - Jul 2021

CERTIFICATIONS

PG certification of AI & ML

IIT Mandi & WileyNXT

Tricentis Tosca Fundamentals (AS1 & AS2)

Tricentis