

Avinash Yadav

Software Development Engineer II at Innovaccer

I'm a tech enthusiast with over 2 years of experience, specializing in developing advanced backend and frontend systems. I thrive on solving complex challenges, maintaining a positive attitude, and delivering top-notch code that exceeds industry standards.

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WORK EXPERIENCE

Software Development Engineer II Innovaccer Middle East

01/2023 - Present
HealthTech

Abu Dhabi, UAE

Achievements/Tasks

- **Collaborated** with a three-person team to create **MVPs** for two SaaS applications - Market Intelligence and Network Optimizer - in just **2 months**. Tech stack: Django Rest Framework, Next.js.
- Automated the package upgrade process using **Mend Renovate**, leading to a remarkable **80% reduction** in CI pipeline failures during **vulnerability scans**.
- **Complete ownership** of developing **package management system** to regulate Python, JS, and Java packages through a private artifactory, resulting **99% improvement** in the system's security.

Software Development Engineer I Innovaccer Middle East

10/2022 - 12/2022
HealthTech

Abu Dhabi, UAE

Achievements/Tasks

- **Latency Optimisation** by **50%** through code optimisation and migrating patient-incentives app from Django to FastAPI framework.

Software Development Engineer I Innovaccer

07/2021 - 09/2022
Healthtech

Noida, India

Achievements/Tasks

- Played a key role in the development of the AIMS web app, working in partnership with **Roche** and utilising **FHIR** resources.
- Collaborated closely with the QA team to enable client-independent **data creation**, offered support for business logic, and **assumed responsibility** for implementing essential enhancements from a development standpoint.
- Optimised latency by **20%** through the improvement of **database queries** and the implementation of **architectural** enhancements.

EDUCATION

B.Tech-MBA (Dual) in Information Technology Indian Institute of Information Technology Allahabad (IIIT-A)

07/2016 - 06/2021

8.5/10

Award

- **Merit Certificate** (2nd Rank)

Secondary & Higher secondary B.N.S.D. Shiksha Niketan Inter College, Kanpur

2015

12th: 92.8%, 10th: 95.17%

Award

- **8th Rank** in Board.

SKILLS

Python

Django

DRF

FastAPI

Next.js

C/C++

Java

MySQL

Postgres

Elasticsearch

REST APIs

Docker

CI/CD

Git

Kubernetes

Algorithms

Data Structures

AI/ML

PERSONAL PROJECTS

Spark MovieLens [↗](#)

- An online movie recommendation system using content-based, collaborative approach using Flask, Apache Spark, and MLlib.

Smart City Map for Kumbh (Temporal City) [↗](#)

- Designed temporal city on top of google map using Android Studio, Firebase Database, and KML for geographic data visualization.

ACHIEVEMENTS

Most Valuable Player Award at Innovaccer (2023)

Awarded MVP from Apps Engineering Team (Top 9)

Graduate Aptitude Test in Engineering - GATE (2023)

Score- 461, Computer Science

1st Runner up, Product Hacks, IIIC (2020)

1st Runner up in Hackathon organised by IIITA Info Communication Incubation Center.

Google's Explore ML Academy, Google AI (2020)

Facilitated 3 workshops on ML at IIIT-A

Coordinator and member, Fine Arts Society, IIIT Allahabad (2019)

Lead team of 25-30 members for 2 years and organised multiple events.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Astronomy

Arts

Photography