

Avinash Yadav

Software Development Engineer II at Innovaccer

I'm a tech enthusiast with 3 years of experience in backend and frontend development, specializing in AI/ML and SaaS applications. Skilled in developing robust systems with a focus on high performance and security.

✉ avinashyadav06.ay@gmail.com

☎ +917524990644

📄 weirdolucifer.github.io

🌐 linkedin.com/in/weirdolucifer

WORK EXPERIENCE

Software Development Engineer II Innovaccer Middle East

01/2023 - Present
HealthTech

Abu Dhabi, UAE

Achievements/Tasks

- POC on various speech-to-text options like Google Speech-to-Text AI, selected **whisperX** for its **multilingual** and medical terminology capabilities. Integrated whisperX into Sara, a doctor-patient conversation recorder, **reducing** documentation time **by 50%** and **improving accuracy**, for generating SOAP notes using **GPT** model.
- Developing **Provider Relationship Management** (PRM) application with FastAPI for backend services, and Flutter for frontend.
- Created **MVPs** for Multi-Tenant User Management, Market Intelligence and Network Optimizer using Django Rest Framework and React/Next.js.
- Automated package upgrade process, **reducing** CI pipeline failures **by 80%** using **Mend Renovate**.
- Complete ownership** of developing a package management system, **improving** security **by 99%**.

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

- Key developer** for AIMS web app in partnership with **Roche**, utilizing **FHIR** resources.
- Enhanced database queries and **architecture**, improving **latency** by **20%**

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

React.js

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 (2024)

Awarded MVP from Apps Engineering Team (Top 9)

Graduate Aptitude Test in Engineering - GATE (2024)

Score- 472, 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.

Joint Entrance Examination - JEE Main (2016)

98.59 percentile

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Astronomy

Arts

Photography