Avinash Yadav

Software Engineer at Innovaccer

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Experience

Innovaccer   *Noida, India*
Software Development Engineer - I   *July, 2021 - Present*
- Contributing in development of Back-end for real-time application for care management.
- Technology used: Python, Django, Django REST framework, Postgres, Elasticsearch, Docker, Kafka.

Innovaccer   *Noida, India*
Software Development Engineer Intern   *May, 2020 - July, 2020*
- Contributed to POC of automated CI/CD using GitLab pipelines, docker, spinnaker, and EKS.
- Contributed to developing an algorithm for mismatch analyzer to find errors in manual data feeding of HEDIS measures.
- Developed Front-end for Learning Management System.

Education

Indian Institute of Information Technology, Allahabad   *CGPA - 8.5*
DUAL DEGREE (B.TECH (IT) + MBA (IT))   *July, 2016 - June, 2021*
- Earned Award of Merit Certificate.

B.N.S.D. Shiksha Niketan, Inter College, Kanpur   *92.8%*
HIGHER SECONDARY EDUCATION   *2014 - 2015*

B.N.S.D. Shiksha Niketan, Inter College, Kanpur   *95.17%*
SECONDARY EDUCATION   *2012 - 2013*
- Secured 8th rank in Uttar Pradesh Madhyamik Shiksha Parishad.

Achievements

2021	**Qualified Graduate Aptitude Test in Engineering (GATE)**, Computer Science	*Kanpur, India*
2019	**Facilitator - Google's Explore ML Academy**, Google AI.	*Hyderabad, India*
2020	**Product Hacks - IIIC**, 2nd Prize in Hackathon organized by IIITA Info Communication Incubation Center.	*Allahabad, India*

Academic Projects

Spark MovieLens   *Github Repository Link*
IIIT Allahabad   *August, 2018 – November, 2018*
- A System for Movie Recommendation using a content-based, collaborative approach on static data set.
- Extended to real-time as a web portal using Flask, Apache Spark, and MLlib.
- Technologies Used: Python, Apache Spark (distributes computing), Flask.

Real-Time Smart City Map on (Kumbh) Temporal Data   *Github Repository Link*
IIIT Allahabad   *January, 2019 – May, 2019*
- An Android app having features of maps where google maps can't reach such as a temporal city like Kumbh.
- KML(Keyhole Markup Language) is used to display geographic data collected through GPS.
- It is designed for both admin and user side where the government (admin) can add/update any protocol and the user can get an instant notification.
- Technologies Used: Android Studio, Firebase Realtime Database, KML.

Data Mining Approaches in Healthcare Operations to Improve Decisions and Activity Workflow   *Github Repository Link*
Master Project for MBA (IT and Operations), IIIT Allahabad   *November, 2020 – April, 2021*
- The principal objective of this work is to solve two operational issues in healthcare management: predicting operational activities delay, and recognizing key work process drivers.
- Technologies Used: Python, data mining.

Technical Details

Area of Interest
- Algorithms, Data Structures, Web Development, Machine Learning, Operations Management.

Programming Languages and Frameworks
- C/C++, Python, Java, SQL, Django, Django REST framework, Flask, Docker.

Programming Environment
- Visual Studio Code, Pycharm, NetBeans/Eclipse, IntelliJ, Android Studio.

Extracurricular Activity

Coordinator
Allahabad

Fine Arts Society, IIIT Allahabad
2018 - 2019
- Gained experience in event management and leadership skills.

Member
Allahabad

Fine Arts Society, Technical fest (Aparoksha) & Cultural Fest (Effervescence)
2017 - 2018
- Gained experience in event management.
- Organizer of online event "Sketcher" and face Painting competition.

Declaration

I hereby declare that the above information is true to best of my knowledge.