Mulund (W),
Mumbai 400080

# HARSH JAIN

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## SUMMARY

- **2 Years, 8 Months** of experience
- **Programming Languages**: Python, MySQL
- **Tools, Technologies & Frameworks:** Django, Flask, FastAPI, AWS, Azure, Docker, Azure DevOps
- **Concepts:** Artificial Intelligence, GIS, Data Structures

## EMPLOYMENT

**Application Developer Analyst**          **Accenture**          **Oct 2019 - Present**

**Azure DevOps WorkItem Tracking Tool – Internal (April 2022 - Present)**
- Architected and developed an app allowing users to track work items in Azure DevOps for their internal use.
- Users can automatically create documentation files for each work item with predefined templates.
- Users can add, update and delete their progress comments on each work item.

**Tech Stack**: Python, Django, Azure DevOps

**Ticket Analysis Tool – Internal (Feb 2022 - Present)**
- Developed a tool that analyzes and categorizes Tickets (Incidents) into priority groups using NLTK and TensorFlow.

**Tech Stack**: Python, Pandas, TensorFlow, NLTK

**GIS Chatbot – Internal (Dec 2021 - Present)**
- Developed Backend and User Interface using Flask and JavaScript.
- TensorFlow and NLTK are used to understand user queries related to GIS and answers would be provided to the user.
- Curated knowledge base which has more than **2500** queries and their respective answers.

**Tech Stack**: Python, Flask, TensorFlow, NLTK, JavaScript, jQuery, Bootstrap

**Client: Utility Project – GIS (Mar 2020 - Present)**
- Architected and automated the entire Monitoring Process of ArcGIS Services, Servers, Geodatabase, and Portal with ArcPy.
  - **25%** of daily time saving of the dedicated resource after implementing scheduled job for daily monitoring tasks.
- Enhanced existing ArcMap tools using ArcObjects.
  - **94%** increase in performance of current ArcMap add-ins after enhancements.
- Architected and developed an automated solution that generates a Master Map Document from Service Map Documents.
- Architected and developed a tool that enables Analyzing and Publishing a Map document with ArcPy.

**Tech Stack**: Python, ArcGIS, ArcFM

**SEO Executive, Intern**          **GreyAtom**          **Nov 2018 – Dec 2018**
- Ranked their website on the first page of Google SERP for certain keywords.
- Implemented on-page and off-page SEO activities to boost their website's ranking.

## EDUCATION

**Chembur, Mumbai**          **University of Mumbai**          **Jun 2015 – May 2019**
- Bachelor's in information technology engineering from VESIT

## ADDITIONAL TECHNICAL EXPERIENCE

### Projects

- **Social Media API:** An API that allows users to log in and then create, update and delete their posts and like any post.
  **Tech Stack**: Python, FastAPI **Domain**: Backend Development
- **Cryptofolio:** A Cryptocurrency Portfolio management software that also provides the current sentiment of the cryptocurrency in real-time.
  **Tech Stack**: Python, Ruby **Domain**: Natural Language Processing.
- **Smart Editor/OCR:** Initially developed using Tesseract OCR and was upgraded to an end-to-end application using Tkinter and using Convolution Neural Networks and OpenCV.
  **Tech Stack**: Python, OpenCV **Domain**: Artificial Intelligence

## ADDITIONAL EXPERIENCE AND AWARDS

- **ACE Award (May 2022):** Awarded for the GIS Chatbot Development.
- **Automation Champion Award (May 2021):** Awarded for automating the entire monitoring process of the client.
- **Winner of Ideathon (April 2021):** An innovative idea submission competition in Accenture.
- **Making a Difference Award (September 2020):** Awarded for performance and work quality.

## CERTIFICATIONS

- AWS Certified Solutions Architect Associate
- Microsoft Certified: Azure AI Engineer Associate
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Security, Compliance, and Identity Fundamentals
- Java & Spring Boot Greenfield Training Certificate

## INTERESTS AND HOBBIES

- Nutrition and Fitness Sciences, Digital Marketing, Graphic Design
- Acting, Podcasting