

Anushka Singh

📞 7322859897 — ✉ anushkasinghak2412@gmail.com — 🔗 [linkedin.com/in/anushka-s-2a6902233](https://www.linkedin.com/in/anushka-s-2a6902233) — 🐙 github.com/anushka7322

Skills

BackEnd Dev. Java, Python, Spring

FrontEnd Dev. HTML, CSS, JavaScript, Bootstrap

Languages Java, Python, CPP

Cloud Microsoft Azure, GCP, AWS

Testing Pytest, Selenium

Analytics PowerBI, Tableau, PostgreSQL

Library OpenCV, TensorFlow, NumPy, Mediapipe, Pandas

Projects

Blind's AI Assistant

Nov 2024 – Present

- Currently developing an Android app aimed at assisting blind users with daily tasks through voice descriptions and commands
- Implementing machine learning algorithms for object and voice recognition, currently achieved 75% accuracy
- Focusing on creating an intuitive, accessible interface with features like adjustable text size and real-time feedback

Subtitle Generator

Jan 2024 – Feb 2024

- Developed technology to convert spoken language to sign language captions in real time during video conferences
- Enhanced accessibility for deaf and hard-of-hearing participants by providing live sign-language interpretation
- Contributed to making video conferencing platforms inclusive and effective for all users.

Media Volume Controller

Nov 2023 – Dec 2023

- Enable hands-free system volume adjustment through intuitive hand gestures
- Leveraged OpenCV, MediaPipe Hand Solutions, and PyCaw for real-time hand tracking and volume control
- Instant interaction, cross-platform compatibility, robust hand tracking, and enhanced accessibility

Certificates

Microsoft Certified: Azure Fundamentals - AZ900

Certificate ID: 5C8D5X-82CC61

- Gained foundational knowledge of cloud concepts and Microsoft Azure services, including compute, storage, networking, and security
- Developed proficiency in Azure pricing, service level agreements, and lifecycle in cloud environments, enabling effective management and scaling of Azure resources
- URL: <https://learn.microsoft.com/api/credentials/share/en-us/Anushkasingh-5815/253983246534AA75?sharingId=77A88B8D6CE3EDFC>

Microsoft Certified: Azure AI Fundamentals - AI900

Certificate ID: 6EQ2FE-F9925E

- Acquired a solid understanding of AI and machine learning concepts, including the use of Microsoft Azure services to develop AI solutions
- Enhanced capabilities in designing and implementing AI solutions using Azure's cognitive services, machine learning, and natural language processing tools
- URL: <https://learn.microsoft.com/api/credentials/share/en-us/Anushkasingh-5815/E7DC80FBE391BA3E?sharingId=77A88B8D6CE3EDFC>

Microsoft Certified: Azure Data Fundamentals - DP900

Certificate ID: 258BC3-O79739

- Gained foundational knowledge of core data concepts and Microsoft Azure data services, including relational and non-relational data management
- Developed skills in identifying and implementing Azure solutions for various data workloads, with an emphasis on transactional and analytical data processing
- URL: <https://learn.microsoft.com/api/credentials/share/en-us/Anushkasingh-5815/E2E01B035E802A63?sharingId=77A88B8D6CE3EDFC>

Java (Basic) Certificate

Certificate ID: F6E264CA3B9F

- URL: <https://www.hackerrank.com/certificates/f6e264ca3b9f>

Experience

TXON IT Services

Feb 2023 – Mar 2023

Web Development and Design Intern

- Engineered and deployed four diverse web projects, including a personal portfolio, a product landing page, a dynamic to-do list application, and a functional calculator, demonstrating proficiency in full-stack development and responsive design principles
- Leveraged GitHub for version control and project hosting, showcasing an understanding of industry-standard practices for code management and collaboration
- Utilized a variety of web technologies such as HTML, CSS, JavaScript, and frameworks like React.JS, to create user-centric, interactive web applications.
- Learned the concept of the CI / CD pipeline.

Education

B.Tech. Computer Science & Engineering in Artificial Intelligence & Machine Learning

Technocrats Institute of Technology and Science, Bhopal

CGPA - 9.14 CGPA

Higher Secondary Certificate (Class XII)

Radiant Academy, Noida

Secondary School Certificate (Class X)

Radiant Academy, Noida

Certifications

- Azure - Microsoft Certified Azure Fundamentals - AZ900
- Azure - Microsoft Certified Azure AI Fundamentals - AI900
- Azure - Microsoft Certified Azure Data Fundamentals - DP900