Harsh Tiwari

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SUMMARY

Technically proficient graduate with unique combination of Cloud Computing degree, Oracle Generative AI certification, and full-stack development skills. Expertise spans cloud platforms (AWS, OCI), modern web technologies (MERN stack), and cutting-edge AI implementation. Passionate about developing intelligent, scalable applications. Seeking Associate Engineer role to contribute to innovative software solutions while growing in cloud-native and AI-driven development.

PROJECT

Movie Booking System | Web Development Project

Academic (project) · January 2024 – April 2024

· Built complete movie ticket booking website with **HTML5, CSS3, JavaScript** frontend and **PHP/Node.js** backend.
· Implemented **user registration/login** system with session management and secure password storage.
· Created **interactive seat map** with color-coded availability (available, selected, booked) using JavaScript.
· Developed **booking flow** with multiple payment options and email confirmation system.

Personal Voice Assistant for Windows | Python, Speech Recognition

Academic (project) · January 2023 – April 2023

· Architected a **personal voice assistant** leveraging **speech-to-text** and **text-to-speech** technologies in python.
· Developed **modular components** for task automation including web browsing, file operations, and information retrieval.
· Engineered a personal voice-based system for Windows that automated routine tasks, integrated with native applications, and elevated user accessibility through intuitive voice commands.
· Implemented voice command processing capabilities on the Windows platform by leveraging in-built Speech Recognition functions for accurate and efficient user interaction.
· Enhanced system responsiveness by incorporating multithreaded processing, reducing voice command execution latency by 40% and supporting concurrent automation tasks for over 100 daily active users.

EDUCATION

Bachelors of Engineering in Computer Science specialization in Cloud Computing

Chandigarh University · Punjab · 2025 · 6.72

Intermediate

Govt Coed Sr Sec School ,Pschim Vihar · Delhi · 2021 · 67

Matriculation

Akash Model Sr Sec School, Delhi · Delhi · 2019 · 67.8

CERTIFICATIONS

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

Oracle · 2024

· Certified in deploying and managing generative AI workloads on Oracle Cloud, including OCI Generative AI service, AI infrastructure provisioning, and model serving. Relevant for Associate Software Engineer roles as it combines cloud computing with AI implementation skills, enabling development of intelligent applications and automation solutions using industry-leading AI platforms.

Full Stack Development

Internasal · 2024

· This Internshala Full Stack Development training provided comprehensive, hands-on experience in building modern web applications using MERN stack. Developed skills in React for frontend development, Node.js/Express for backend APIs, MongoDB for database management, and deployment on cloud platforms. Completed multiple projects implementing user authentication, RESTful APIs, responsive UI, and database operations. Directly relevant for software engineering roles requiring full-stack capabilities and practical web development experience.

AWS Academy Graduate

AWS · 2023

· Completed AWS Academy's official cloud foundations curriculum covering AWS core infrastructure, services (EC2, S3, IAM, VPC), security best practices, and architectural principles. Enhanced my understanding of cloud deployment models and cost management, directly supporting my BE specialization in Cloud Computing. Practical labs provided hands-on experience with AWS Management Console.

Introduction to Cloud Computing

Coursera · 2022

· Cloud service models (IaaS, PaaS, SaaS)
· Deployment models (Public, Private, Hybrid)
· Virtualization, scalability, elasticity
· Cloud security fundamentals
· Major providers overview (AWS, Azure, GCP)

SKILLS

Frontend: React, JavaScript, HTML5, CSS3, Bootstrap, Responsive Design
Backend: Node.js, Express.js, REST APIs, JWT Authentication, Python
Database: MongoDB, MySQL, Database Design
Tools: Git, Postman, VS Code, Chrome Dev Tools
Deployment: AWS, Azure, Google Cloud