HARSH BANSAL

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PROFESSIONAL SUMMARY

Dedicated Software Engineer with a focus on Java development and a comprehensive understanding of design patterns and cloud-based architectures. Skilled in building scalable and efficient software solutions using modern technologies like Spring Boot, AWS, and Hibernate. Proven experience in agile environments and a passion for continuous learning and development

TECHNICAL COMPETENCIES

· **Programming Languages:** Java, Python, C++, C, HTML, CSS
·**Frameworks:** Spring, Spring Boot, Hibernate, JPA
·**Web Technologies:** RESTful APIs, JavaScript
·**Tools and Platforms:** AWS, Git, Jenkins, Docker, SQL, NoSQL
·**Concepts:** Design Patterns (MVC, Singleton, etc.), Dependency Injection (IoC), Microservices architecture, Agile (Scrum), Continuous Integration (CI) and Continuous Deployment (CD)

INTERPERSONAL SKILLS

· Team Leadership
· Management & Coordination
· Decision Making
· Adaptability

PERSONAL DETAILS

Mother'sName:Mrs.Monika Bansal
Father's Name:Mr.Sanjay Bansal
D.O.B.:15|11/2003

EDUCATION

Bachelors in CSE with Specialization in AI&ML |Chandigarh University
Mohali, Punjab
Session:2021-2025| Currently Pursuing (7.63

Intermediate (HBSC) |SDM Public School,Haryana
Session: 2018-2020 | Percentage: 78%

Matriculation (CBSE) | MD Public School,Haryana
Session: 2017-2018 | Percentage: 76%

TRAINING & PROJECTS

Software Programmer | Nippon Carbide India Pvt. Ltd
May 2024 - Present

- Developed software applications and AI projects including machine learning and data analysis.
- Designed and implemented RESTful APIs for seamless integration with front-end applications.
- Utilized Spring Boot and Hibernate for efficient backend development.
- Managed and deployed applications on AWS, ensuring high availability and scalability.
- Applied Agile methodologies (Scrum) for project management and continuous improvement.

Frontend Web Developer | Dabotics Pvt. Ltd
July 2022 - August 2023

- Created responsive web applications using HTML, CSS, and JavaScript.
- Designed and implemented personal portfolio website, focusing on user experience and accessibility.
- Collaborated with backend developers to integrate APIs and optimize application performance.

Python Intern | Sync Intern
June 2022 - July 2022

- Developed Python scripts for data processing and automation tasks.
- Engaged in various coding challenges and projects to enhance problem-solving skills.

CERTIFICATIONS & AWARDS

- Google Play Store Listing Certification
- Introduction to Data Sciences Specialization | IBM
- Microsoft Azure AI Fundamentals | Microsoft
- Microsoft Azure Administrator | Microsoft

PUBLICATIONS

Facial Recognition And Mood Detection And Recommend Songs
International Journal of Innovative Research in Technology (IJIRT) · Jun 1, 2023

Face Detection and Gender Classification App
International Journal of Innovative Research in Technology (IJIRT)

PROJECTS

Facial Recognition and Mood Detection and Recommend Songs

- Developed a facial recognition system with integrated mood detection to recommend personalized song playlists.
- Implemented using Python and various machine learning libraries.

Face Detection and Gender Classification App

- Created an application to accurately detect faces and classify gender using machine learning algorithms.
- Utilized OpenCV and TensorFlow for model training and deployment.

Smart and Effective Real-Time Management of Public Parking

- Designed a real-time parking management system using Java and Spring Boot.
- Implemented features for space optimization and instant updates on availability