

Snehal Hansraj

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Profile Summary

Motivated Computer Science master's student with hands-on experience in software development, .NET technologies, and data-driven problem solving. Strong technical skills, quick learner, and able to work independently or in teams. Looking for a Working Student position to apply my skills, support ongoing projects, and gain industry experience.

Education

Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau, MS in Computer Science	Oct 2024 – Present
Coursework: Data Science, Intelligent Systems, Visualization and Scientific Computing, Generative AI	
Savitribai Phule Pune University, Bachelor in Computer Engineering	Aug 2018 – May 2022
GPA: 1.52	
Coursework: Machine Learning, Data Structures and Algorithms, DBMS, Operating Systems. Honors in Artificial Intelligence.	

Experience

Software Engineer, Persistent Systems Limited – Pune, India	June 2022 – March 2024
<ul style="list-style-type: none">Worked with C#.NET, Python, ASP.NET MVC, HTML, CSS, SQL, and JavaScript to develop secure and scalable solutions.Implemented feature upgrades, manual testing, validation and modifications based on evolving client requirements, ensuring alignment with business goals.Enhanced and optimized existing application codebases, improving performance, stability, and maintainability.Executed end-to-end test flows across web applications and ensured expected functionality in real-world usage scenarios.Contributed to .NET modernization projects by upgrading legacy systems and ensuring smooth deployments across DEV, QA, and PROD environments.Collaborated closely with QA engineers and developers to validate fixes, test improvements, and optimize existing workflows.	

Intern, Persistent Systems Limited – Pune, India	Jan 2022 – Jun 2022
<ul style="list-style-type: none">Gained hands-on experience with C#, ASP.NET, ADO.NET, WCF, Windows Services, Web APIs, Entity Framework, Microservices, and Agile tools such as Jira.Learned end-to-end software development lifecycle and modern enterprise development practices.	

Awards

Bravo Team Awards, Persistent Systems Limited	Jun 2023
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Certifications

Microsoft Certified: Azure Fundamentals (AZ-900)	Jul 2022
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Projects

Portfolio Website	Github
<ul style="list-style-type: none">Designed and developed a personal portfolio website using React to showcase skills, projects, and professional experience.Implemented dark/light theme switching and multilingual support (English/German).	

- Structured content following German CV and recruiter expectations with a clean, responsive layout.

.NET framework upgradation and enhancements (Persistent Systems Ltd.)

- Upgraded 100+ applications from legacy .NET Framework versions to .NET 4.8, ensuring compatibility and improved performance.
- Conducted thorough unit testing of each application to guarantee code quality and stability.
- Built, deployed, and tested applications across DEV, QA, and PROD environments, ensuring seamless integration and functionality.

Breast Cancer Detection Using Image Processing and Deep Learning (BE Project)

- **Role: Team Leader**

The solution intends to provide cancerous cells present in breast tissues using Image processing and predicting the anomalies in breast tissues using Deep learning.

- **Technologies used:**

- Image Processing
- Deep Learning
- Machine Learning

- **Algorithm used:**

- Otsu Algorithm
- K-nearest neighbor
- Convolutional Neural Network

- **Programming Language used:**

- C#
- Python

- **Responsibilities:**

- Requirement gathering and analysis
- Designing and Implementation
- Manual Testing
- Mentor communication and Team support

Key Skills

Core Skills: Python, C++, C, C#, SQL, JavaScript, React, HTML, CSS

Technologies: .NET, Microsoft SQL Server

Tools: Jira, Git, Web Debugging Tools, MS Excel, PowerPoint, Azure

Language

English: C1 level

German: A2 level