

HARSHAVARDHAN AMBIDI

Software Development Engineer | SAP Developer | Full-Stack Developer
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SUMMARY

Master's student in Computer Science with a focus on impactful solutions and nearly 3 years of professional working experience in Full-Stack Development, SAP ABAP and Enterprise Software Engineering. Skilled in Java, Python, Machine Learning, SAP and Modern Web Technologies.

EDUCATION

University of South Florida

Masters in Computer Science; GPA: 3.74

Tampa, Florida, US

Aug 2023 - May 2025

⇒ **Coursework:** Theory of Algorithms, Operating Systems, Computer Architecture, Machine Learning, Artificial Intelligence, Hardware Accelerators for ML, Trustworthy AI Systems, Security & Privacy in ML.

EXPERIENCE

Packaged Application Development Analyst | Accenture, India

Dec 2022 – Jul 2023

- Developed and optimized multiple projects ensuring adherence to coding standards and performance efficiency, while resolving **critical production issues impacting ~7,000 live transactions**, fixing **front-end screen errors** and **role delegation problems** enhancing system functionality.
- Led **enhancements** and **bug fixes** in Front-End **Fiori apps**, **OData services**, and **Adobe Forms**. Assessed **technical feasibility**, provided insights and maintained comprehensive **technical specification documentations**.
- Collaborated with cross-functional teams and functional consultants** for seamless project execution. **Conducted unit/regression testing** to ensure software quality and delivered **Knowledge Transfer (KT) sessions** to train three entry-level associates.

Packaged Application Development Associate | Accenture, India

Sep 2021 – Dec 2022

- Developed **key reports** and solutions including the Monthly Timesheet Allocation Report and Firefighter ID application, while **resolving critical testing issues** and **reducing memory consumption** through **code optimization**.
- Collaborated with **cross-functional teams** and **leadership** to address system discrepancies, provided **insights on development landscapes**, and **deliver solutions** for Intercompany Purchase Orders and Procure-to-Pay processes.
- Enhanced **technical expertise** through mandatory trainings (**Technology Quotient, Ethics & Compliance, Delivery Learning Framework**) and continuous **skill development** to meet evolving project demands.

Associate Professional Software Engineer | DXC Technology, India

Jan 2021 – July 2021

- Completed **intensive training** in **Java, Spring Framework, Hibernate**, and **RESTful APIs** applying secure coding practices to develop high-performance enterprise applications and ensuring adherence to coding standards and best practices.
- Played a key role in the end-to-end **software development lifecycle** including coding, testing, debugging and maintenance of Java-based applications, while resolving defects and enhancing application performance.
- Collaborated in **system integration** and **deployment tasks** using Spring Boot, actively participated in **code reviews** and contributed to **knowledge transfer** sessions in a **team-oriented development environment**.

Technology Consulting Virtual Intern | Deloitte, India

Dec 2019 – June 2020

- Designed and integrated APIs to enhance **system interoperability**, **refactored legacy code** to reduce runtime by **30%** and conducted **code reviews** while collaborating on **debugging client-facing applications**, earning recognition for **efficient problem-solving**.
- Developed and maintained **Python-based applications**, optimizing scripts for **data processing and automation**, resulting in a **40%** reduction in **manual effort** and built **predictive analytics tools** that improved **forecasting accuracy**.

SKILLS

Languages & Frameworks:

Java, Python, SAP ABAP, SAP Fiori/UI5, SAP S/4 HANA, SAP OData, C, C++, Bash, HTML, CSS, JavaScript, Bootstrap, PHP, React.js, MongoDB, SQL, Spring Boot, OpenCV, TensorFlow, Keras, Django and Node.js

Tools & Platforms:

Visual Studio, Eclipse, SAP NetWeaver, Docker, Git, MySQL, SQLite, Microsoft Office, Linux, Windows and AWS

Technical & Soft Skills:

Operating Systems, Computer Networks, Information Security, Distributed Systems, Virtualization, Application Development, Technical Documentation, Project Management, Software Quality Assurance and Agile Methodology

PROJECTS

Attendance Marking Based on Face Identification

Python | 2021

⇒ A Machine Learning based attendance marking project which uses Open CV for face detection and Tkinter module for user-interface. It uses the LBPH machine learning algorithm for Face identification.

Library Management System

Full-stack Java | 2021

⇒ A full-stack Java based project for Library management. It uses Java Collection Framework for data structuring and Oracle database for storing the data through JDBC.

Leave Management System (LMS)

PHP-MySQL | 2020

⇒ Leave management web application for Teachers in a school/university created using PHP-MySQL. It contains both employee and admin login for leave requesting approve/reject and email notifications.

ACHIEVEMENTS & CERTIFICATIONS

- Accenture Recognitions: **Merit Holder, Best People, Rising Star, Key Contributor, Individual Best Contributor, Accenture Excellence**.
- Part of for Accenture's **Guinness World Record** for Largest online photo album of people displaying a digital certificate.
- EU Sustainability Champ, Green Software Champ** and **FY22 Making a Difference Volunteer**.
- Oxford Achievers English Proficiency Certification** – Oxford University Press (2018)
- Certified in **Green Software Engineering and Sustainability**, promoting **carbon-free** work processes
- Awarded a **Certificate of Plantation** for environmental contributions through **SankalpTaru.org**
- Earned **Microsoft Power-To-Everyone Power Platform Conversant** – Bronze Certification.