

PAYAL BEDARE

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SUMMARY

Innovative Software Developer passionate about transforming complex challenges into efficient, cloud-based solutions. With 18+ months of experience, I specialize in streamlining business logic and optimizing performance. Proficient in JavaScript, Python, eSIM technology. I excel in Agile environments, delivering data-driven solutions.

EDUCATION

Illinois Institute of Technology, Chicago, IL.
Master of Science in Computer Science

January 2023 - December 2024
GPA: 3.3

University of Pune, India.
Bachelor of Engineering in Information Technology

July 2017 - May 2021
GPA: 3.8

SKILLS

Languages & Databases: JavaScript, Python, C/C++, Java, Apex, HTML, CSS, MySQL, MongoDB, SQLite, PostgreSQL

Frameworks & Libraries: React, Django, Flask, NodeJS, NumPy, Pandas, Sklearn, Matplotlib, ExpressJS, OpenCV

Tools: Salesforce, AWS, ServiceNow, OpenAI, GitHub, MPI, Excel, Visual Studio, Postman, Power BI

PROFESSIONAL EXPERIENCE

Glowing Bud LLC., New York, USA
Software Development Intern

February 2024 - May 2024

- Developed and optimized a low-latency, highly consumable REST API to aggregate eSIM prices from various connectivity providers, feeding into Power BI dashboards for real-time analytics within the eSIM space at Glowingbud.
- Led API development and integration with front-end systems, including an Administration Cloud platform to manage customer hierarchies and subunits. Contributed to building a subscription management platform for eSIM operators.

Accenture Solutions Pvt. Ltd., Pune, India
Associate Software Engineer

August 2022 - December 2022

- Ensured successful project delivery by adhering to agile development processes, contributing to sprint planning and execution within a cross-functional team.
- Drafted Software Requirements Specifications during training and later contributed to project execution, optimizing the codebase by 23% through cleanups, sanitization, and streamlined business logic with OOP concepts. I met my KRA by improving overall team performance by 15% through timely, accurate ticket handling on ServiceNow.

Stetig Consulting Pvt. Ltd., Pune, India
Associate Consultant

February 2021 - October 2021

- Generated custom reports and dynamic dashboards as a Salesforce consultant, delivering real-time insights into ticket status that enhanced decision-making and expedited tracking, while also executing project implementation with over 100 test cases and custom scripts to ensure high-quality standards and continuous development.
- Played a key role in the Runwal Group Project, marked client needs by applying Apex programming on Salesforce, executed solutions for site issues, resulting in a 20% increase in daily issue-solving performance for company.

PROJECTS

Repair Mate: A Web Application for Home-Hub Services

August 2023 - December 2023

- Crafted a React-based web application, combining NodeJS, ExpressJS, MongoDB, and MySQL for streamlined home service booking, order management, and revenue tracking. Applied Google Maps API for location services and integrated OpenAI API to boost user experience with a personalized recommender system in a dynamic online platform for seamless home services.

Algorithm to Construct an Input/Output(I/O) Identity for an Application.

January 2023 - May 2023

- Performed a clustering-based algorithm in Python (utilizing KMeans and DBSCAN) for categorizing I/O patterns in distributed applications, consigning performance challenges in HPC data centers at Argonne National Laboratory.
- Improved how applications are organized by automatically figuring out common traits how to handle data, deploy protocols, and perform I/O tasks. Makes work faster in distributed systems, providing a more flexible way to organize applications.

ML-Based System for Automated Classification and Data Extraction

September 2020 - May 2021

- Innovated a versatile OCR-powered software extracting text from diverse document (restaurant bills) types of operating Yolo for training field discrimination, complemented by a REST service and React-based web app for end-user and third-party integration.
- Implemented a cost-effective and time-efficient alternative to labor-intensive data entry, decreasing processing time for each receipt from 30-35 seconds to 5-10 seconds. Efficient approach improves workflow, reduces the need for manual data entry.