

Prashant Shivaji Moghe

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Education

Bachelor of Engineering in Computer Engineering

June 2016 – May 2020

Savitribai Phule Pune University, Pune, India

CGPA: **7.08 (First Class)** - Evaluated by TEC SpanTran as **3.02/4.0** on the US scale.

Capstone Project & Publication: *Secure Room Rental Service using Unique Identification Number (Aadhaar)*

- Developed a secure room rental system linked with Aadhaar for tenant identity verification.
- Enabled background checks and criminal record validation via UIDAI integration.
- Assisted landlords and law enforcement with faster and more reliable identification.
- Reduced the need for physical document verification through Aadhaar-based digital authentication.

Shinde, Vishal Ramling; Sase, Sushant Tukaram; **Moghe, Prashant Shivaji.**

“Secure Room Rental Service using Aadhaar,” *International Journal of Advanced Technologies (IJAT)*, **Nov 2019.**

Work Experience

Senior Software Engineer (Full-time)

Jan 2025 to Present

Imagebytes Private Limited, Pune, India

- Managed project workflows and team coordination using Mantis for issue tracking and task management.
- Led standalone **Disaster Recovery Project**, including **architecture**, development, and deployment.
- Developed and enhanced modules for PACS system.
- Built advanced DICOM image processing components (exponential windowing, MPR(Multiplanar Reconstruction), stack scroll).
- Integrated OHIF viewer for 3D rendering and MIP(Maximum Intensity Projection).
- **Integrated third party AI** software for faster and accurate reporting.

Software Engineer (Full-time)

Jan 2023 to Dec 2024

Imagebytes Private Limited, Pune, India

- Designed and developed more than 10 standalone desktop tools using **Python**, including:
 - Billing data retrieval
 - Mail automation
 - Patient data extraction from large datasets(images, reports)
 - Ticketing system using **Python Flask**
 - Data upload tools for clouds like **AWS & Azure**
 - Data migration tool to support smooth client-to-client data transitions.
 - Patient order finder tool integrated with RIS(Radiology Information System)
 - DICOM corruption recognition tool
 - DICOM Image compression tools such as
 - JPEG Lossless Processes 14 to JPEG Baseline Processes 2 & 4
 - JPEG Lossless Processes 14 to JPEG-LS Lossless Image Compression
- Created a complete mobile app independently using **React Native** from scratch.
- Worked on backend with **Python, Node, C#** and frontend using **HTML, CSS, JavaScript, Bootstrap, Knockout.js** and database using **MySQL**.
- Resolved customer Change Requests (CRs) and production issues
- Created stored procedures, functions, views, triggers, indexes, optimized SQL queries, and improved MySQL performance for faster worklist operations.

Application Engineer (Full-time)

Jan 2022 to Dec 2022

Imagebytes Private Limited, Pune, India

- Provided customer support for PACS software and image viewing issues.
- Wrote and executed **MySQL** queries for data insert, select, update, delete.
- Resolved technical issues, ensuring smooth system performance.
- Handled NAS setup and troubleshooting for image storage.
- Maintained strong client communication and service quality.

Technical Support Engineer (Full-Time)

Feb 2021 to Dec 2021

Polestar Consulting Pvt. Ltd., Pune, India

On-site assignment at Pune Municipal Corporation (PMC)

- Provided technical support for two ward offices: Yerwada Ward Office and Kothrud Ward Office, and also at the PMC Main Building.
- Managed IT infrastructure across multiple municipal buildings under assigned wards, including hospitals, public halls, water supply offices, and other PMC facilities.
- Resolved hardware, operating system, software, printer/driver, and network issues through on-site visits and hands-on troubleshooting.
- Ensured seamless technical setup and support for high-level meetings chaired by the Municipal Commissioner and other senior officials, including video conferencing and equipment readiness.
- Performed on-site visits across various PMC locations to ensure smooth IT operations and prompt resolution of technical issues.
- Maintained consistent system uptime and addressed IT concerns proactively to ensure operational continuity.

Software Engineer Intern

Aug 2020 to Jan 2021

Websatva Technologies

- Created React Mobile Application **React Native Basics**
- Created E-Commerce Website using **MEAN Stack Basics**
- Created Blog Website using **Python Django Basics**
- Implemented Linear Regression on data using **Machine Learning Basics**

Technical Skills

- Programming Languages: **Python, C#, JavaScript, HTML, CSS**
- Frameworks & Libraries: **Flask, Tkinter, Node.js, Bootstrap, Knockout.js, React Native**
- Database: **MySQL**
- Tools: **SVN, JIRA, Mantis, Internet Information Services, Visual Studio**
- System & Network : **Windows, Linux OS, TCP/IP, DNS, Network troubleshooting**

Honors, Awards & Extracurricular Activities

- Promoted based on performance and leadership.
- Recognized internally for Python tool innovations.
- Badminton Coordinator, College Sports Committee – Organized inter-collegiate events
- Winner, Men's Doubles Badminton, Inter-department Sports Meet, 2019

Language Proficiency

- English: Upper Intermediate (Scored 115 on the Duolingo English Test)
- Hindi: Fluent, Marathi: Native

Soft Skills

- Leadership, Teamwork, Time Management, Problem-Solving, Communication.