

Rachel Anchan

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

+91 8551095225 | rachelanchan11@gmail.com | Pune, India

Summary

I'm a software engineer with experience in web development, software engineering and cloud infrastructure management. I have a proven track record in managing Azure Cloud environments, implementing containerization with Docker/Kubernetes and automating workflows using AutoSys. I'm skilled in PHP (Laravel), Python, JavaScript and SQL, with hands-on experience in ERP systems, GIS platforms and building scalable web applications. Known for problem-solving, adaptability and clear communication, with a strong focus on improving system performance both in team environments as well as independently. Actively seeking development opportunities to contribute to impactful, tech-driven projects on a global scale.

Work Experience

Web Design Intern | Science Transactions (Pune, India)

Jun 2025 – Jul 2025

- Built and deployed Science Transactions (<https://sciencetransactions.com>) - an academic publishing platform using Open Journal Systems (OJS), tailored for global research communities.
- Customized OJS PHP core and templates to support modular editorial workflows for submission, peer review, copyediting and publication.
- Integrated secure SMTP-based mail delivery and tested automated email triggers across editorial stages.

Trainee Software Developer | Inficom Solutions Pvt. Ltd (Pune, India)

Dec 2024 – May 2025

- Developed backend logic in Laravel PHP for GeoMapperX, a geolocation-based platform enabling farmers to track crop details and manage farm activities, integrating MySQL and Firebase Firestore for real-time data synchronization.
- Enhanced the web dashboard using Bootstrap to manage geospatial data, improve crop management workflows, and implement features like real-time location tracking and data analytics.
- Designed and implemented responsive frontend interfaces for both the admin dashboard and mobile app, ensuring seamless data synchronization between local MySQL databases and Firebase.

Operations Executive | Infosys Ltd. (Pune, India)

Jul 2021 – Nov 2022

Client: Union Bank of Switzerland (UBS), Commerzone IT Park, Yerawada, Pune

- Worked on a client project for UBS, managing Azure Cloud infrastructure.
- Managed day-to-day operations of Azure cloud environment, supporting development teams by executing SQL database tasks, providing event logs, cluster logs and driver logs from Azure Databricks.
- Updated and managed tokens and secret keys in Azure Key Vault, ensuring secure and efficient operations.
- Proficient in Docker and Kubernetes for containerization and orchestration, including operational support.

- Executed Business Continuity Management (BCM/BCP) activities, bringing applications up and down as required, within defined SLAs.
- Utilized AutoSys for job scheduling and monitoring.
- Hands-on experience with Oracle databases, including execution of SQL queries and production database support.
- Actively involved in incident, problem and change management for cloud and on-premise deployments, utilizing Jira to track and manage incidents effectively.
- Participated in monthly releases, major deployments and regulatory BCP testing, following established run books.
- Collaborated with cross-functional teams to ensure seamless operation of critical systems.
- Created and maintained comprehensive Confluence documents, run books and knowledge articles to support knowledge sharing and collaboration within the team.

Education

MSc. (Computer Applications), Symbiosis Institute of Computer Studies and Research 2023-2025

Master of Science (Computer Applications) – Pune, India

CGPA: 9.47

BCA, Symbiosis Institute of Computer Studies and Research, Pune (India)

2018-2021

Bachelor of Computer Applications (BCA)

CGPA: 8.5

Skills & abilities

Backend: PHP, Laravel, Node.js, Python, Java, C, C++, SQL, MySQL, Oracle, SQLite, MongoDB, Firebase

Frontend: React.js, Next.js, TypeScript, HTML5, CSS3, Bootstrap, JavaScript, Tailwind CSS, Bulma, Flutter, Dart, Android, WordPress, Drupal, Open Journal Systems

Cloud and DevOps: Azure Cloud, Azure Key Vault, Azure Kubernetes Service (AKS), Azure Databricks, Docker, Kubernetes, Linux, Jenkins, AutoSys, Server and VPS Management, Mail Servers

Tools and Practices: Git, GitHub, Jira, Notion, Confluence, Agile, Object-Oriented Programming, MVC Architecture

Certifications

- Microsoft Azure Fundamentals - (AZ 900)
- Microsoft Data Fundamentals - (DP 900)
- Microsoft Security, Compliance, and Identity Fundamentals - (SC 900)
- Microsoft AI Fundamentals - (AI 900)
- Microsoft Power Platform Fundamentals - (PL 900)
- Microsoft 365 Fundamentals - (MS 900)

Projects

Institute ERP System using PHP, Laravel and MySQL

- Developed an ERP system for my college, streamlining administrative tasks and enhancing communication.
- **Key features:** Bulk Users & Agents management, automated TNG/CNG attendance reports, Faculty & Student Leave Modules, Reports & Committees Management, Notices, Announcements and a Ticketing System for student queries.
- **Technologies:** PHP (Laravel), MySQL, HTML5/CSS3, JavaScript.
- **Achievements:** Automated processes, reduced administrative workload and improved user experience.

Speeltuín Fort Luna Website using PHP and JavaScript | <https://speeltuinfortluna.nl>

- Developed and deployed a responsive website for Fort Luna playground in Utrecht, Netherlands, featuring workshop listings, team information, contact details and multilingual support.
- Built a custom admin panel for managing website content through a JSON-based content management workflow without modifying frontend code.
- Implemented responsive frontend interfaces and integrated Google Maps to improve accessibility.
- **Technologies:** PHP, JavaScript, HTML5, CSS3.

Virtual Keyboard with Language Translation and Speech-to-Text using Flask Framework | [GitHub](#)

- Designed and developed an innovative virtual keyboard with advanced features, including language translation and speech-to-text functionality in React.js, Python, HTML5/CSS3 and Flask.
- The virtual keyboard aimed to provide users with a seamless and efficient input method, integrating language translation for multilingual communication and speech-to-text for accessibility.

Achievements

Registered Software Copyrights (Copyright Office, Government of India)

- **Student Query Management System**
Certificate No.: LD-20250167089 — Registered on 26 June 2025
- **Data Management System**
Certificate No.: LD-20250167192 — Registered on 30 June 2025
- **Faculty Information Management System**
Certificate No.: LD-20250168583 — Registered on 21 July 2025
- **Student Information Management System**
Certificate No.: LD-20250169553 — Registered on 1 August 2025

Academic Achievements

- Certificate of Merit awarded for securing 1st rank in MSc. (Computer Applications) [2025].
- Scholarship awarded for securing 3rd rank in MSc Semester I.
- Scholarship awarded for securing 1st rank in MSc Semester II, III & IV.
- Nominated for Chancellor's Gold Medal Award at Symbiosis Institute of Computer Studies & Research [2025].
- Silver Medal earned in ICSE 10th grade for scoring above 90%.