

Rashmi Purandare

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EDUCATION

Master of Science in Computer Science
San Francisco Bay University (CGPA : 3.73)
Bachelor of Science in Computer Science
Fergusson College

May 2024 - Dec 2025
Fremont, CA
Aug 2011 - Dec 2014
Pune, India

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL,
- **Frontend:** React, HTML, CSS, Tailwind CSS
- **Backend & APIs:** Flask, FastAPI, REST APIs, PHP
- **Databases:** MySQL, PostgreSQL
- **Cloud & Containers:** Docker, Kubernetes (GKE), Google Cloud, AWS (EC2, S3 – exposure)
- **Testing & Tools:** Unit Testing, Functional testing, Bug validation, Postman, TestNG, Git, CI/CD, GitHub, Agile

WORK EXPERIENCE

Software Engineering Intern

BirthdayMessaging.io

May 2025 - Dec 2025

- Developed and maintained user-facing web features using JavaScript and React, supporting production traffic and real users.
- Integrated frontend components with RESTful backend APIs, ensuring reliable data flow and error handling.
- Implemented form validation, state management and UX safeguards to reduce user-facing defects.
- Collaborated with designers to translate UI mockups into functional, responsive web experiences.
- Performed rigorous testing across browsers identifying and resolving UI, API and data issues prior to deployment.
- Used Git-based workflows to manage code changes and collaborate across teams.
- Supported deployments in cloud-hosted, containerized environments (Docker), ensuring application stability and performance.

Data Analyst

P R Sales Corporation Pvt. Ltd.

Jan 2017 - Nov 2020

- Designed and maintained SQL database queries and schemas supporting internal web and reporting tools.
- Validated backend data pipelines and application outputs to ensure accuracy and consistency.
- Worked with internal teams to troubleshoot system issues across applications, databases and hosting environments.
- Improved system reliability through detailed testing, documentation and structured issue resolution.

Jr. Software Developer

Vaze Placement Services

Jan 2015 - Dec 2016

- Built and maintained Java-based backend components for internal web applications.
- Supported database-driven features using MySQL and SQL queries.
- Conducted functional testing and collaborated with team members to resolve defects and improve quality.
- Gained foundational experience in version control, deployment processes and collaborative development.

ACADEMIC PROJECTS

SentinelAI — AI-Powered Intellectual Property Protection Platform Capstone Project

Tech: Python, FastAPI, PostgreSQL, AWS S3, Docker, IBM LinuxONE

- Developed responsive frontend interfaces using React, HTML, and CSS to support image uploads, results display, and user workflows.
- Integrated frontend components with RESTful backend services, handling API communication, validation, and error states.
- Designed and implemented SQL-backed data models to support application functionality.
- Managed secure asset storage and retrieval using cloud-hosted object storage (AWS S3).
- Performed end-to-end testing, including API validation and UI verification across environments.
- Containerized application services using Docker to ensure consistent development and deployment.
- Collaborated closely with team members to debug cross-layer issues involving UI, APIs, databases, and hosting infrastructure.