

ROHIT RATHOD

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

New York, NY

Master of Science (MS) in Computer Science | **Specialization:** Software Engineering | **GPA:** 3.4/4.00

December 2024

Relevant Coursework: Artificial Intelligence (AI), Mobile Web Content & Development, Concept & Structures of Internet Computing, Python Programming, Database Management Systems (DBMS), Deep Learning, Parallel Computing, Algorithms & Computing Theory

Ajeenkya DY Patil University, School of Engineering

Bachelor of Technology in Mobile Application and Cloud Technology | **Honors:** First with Honors | **GPA:** 7.2/10.00

Relevant Coursework: Android and IOS Application Development, Software Development, IT Information Architecture January 2021

TECHNICAL SKILLS

Programming / Scripting Languages: HTML, Java, C, C++, C#, Python, Kotlin, SQL, JavaScript, CSS, Node.js, React.js, AngularJS, Next.js, UI/UX Principles, .NET, UX Design

Mobile Development: Android Studio, Xcode, React Native, React JS, Angular.js, Flutter | **Database Management:** MySQL, MongoDB, PostgreSQL, Oracle

Software / Tools: AWS, Microsoft Azure, Power Apps, Visual Studio Code, Eclipse, Git, Cloud Computing, DevOps, Gradle, CI/CD, Docker, Kubernetes, Dell Boomi, APIs (REST, SOAP, GraphQL, RPC), Build systems expertise (e.g., Bazel, Pants, Buck).

Soft Skills: Risk Management, Teamwork, Communication skills, Team lead

EXPERIENCE

CONCENTRIX | Software Engineer

January 2021 – December 2022

- Modernized a legacy system by decomposing it into microservices, improving performance and reducing maintenance overhead.
- Developed APIs and cloud integration processes using Python, JavaScript for efficient client data management, along with Salesforce authentication and integration Proofs of Concept (POCs).
- Engineered cloud infrastructure with Terraform and deployed on AWS using ECS, ALB, and Autoscaling, supported by Deep Health Check APIs for monitoring.
- Implemented monitoring systems with Prometheus and Grafana for data collection and real-time system health visualization.
- Built an ETL pipeline with AWS Glue, Terraform, and Python to extract data from Snowflake, transform it, and load it into MySQL.
- Achieved over 90% code coverage by conducting code reviews, integration and unit testing, and collaborating on system design improvements.

ACADEMIC PROJECTS

[HireHub - Job Search Platform \(React, JavaScript, Jenkins, Jira\)](#)

September 2024 – December 2024

- Developed **HireHub**, a job search platform using React, Jenkins, and Jira, improving user engagement by 35% and reducing application processing time by 20%.
- Led a team of 5 developers, contributing 60% of the codebase and integrating real-time updates for a seamless user experience.

[SKYNET E-Commerce Website \(Python, JavaScript, React, & PostgreSQL\)](#)

September 2023 – December 2023

- Collaborated in team of four to develop e-commerce platform, designing interface using JavaScript & React allowing users to search & purchase electronic equipment, integrating PayPal payment gateway using APIs to secure payment process.
- Designed PostgreSQL database to store user authentication & inventory data, crafting Python-Flask backend for seamless server-side architecture & frontend interface communication to support 1000+ users.

[Dear-Diary Note-Taking App \(React, MongoDB, & VSCode\)](#)

September 2023 – December 2023

- Developed a React web application for notetaking with an intuitive user interface, supporting 1,000+ users, integrating MongoDB for 30% faster dynamic data storage and Railway for hosting via Vercel.
- Utilized CodeSandbox and VSCode for development, deploying on Vercel to achieve 99.9% uptime and seamless accessibility.

Speedy Food Mobile Food App using Kotlin, Android Studio, Google Firebase, & JavaScript

January 2023 – May 2023

- Developed a cross-platform mobile application (Android & iOS) using Kotlin, JavaScript, Android Studio, and Flutter for fast food location and delivery. Integrated real-time GPS tracking and Google Firebase for a database of 200+ geo-location-enabled fast-food restaurants, resulting in a 30% increase in delivery efficiency.

PUBLICATIONS

[A Study Based on Data Replication Storage Technology](#), International Journal of Research and Analytical Review

June 2019