ROHIT RATHOD

Jersey City, NJ 07307 | rohitbabusingh.rathod@pace.edu | 614-226-7122 | LinkedIn | GitHub | Portfolio

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

EXPERIENCE

CONCENTRIX | Software Engineer   February 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 connecting job seekers with employers, using React, Jenkins, and Jira. Led the project as Owner/Manager and contributed to development, integrating job browsing, application management, and 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 JavaScript-based React web application with elegant and intuitive user experience allowing users to record notes, building dynamic database storage options including MongoDB to store data web application-input & Railway to host data entered through Vercel.
- Leveraged CodeSandbox & VSCode for development, deploying app on Vercel for seamless functionality & 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.

TECHNICAL SKILLS & CERTIFICATIONS

Programming / Scripting Languages: HTML, Java, C, C++, C#, Python, Kotlin, SQL, JavaScript, CSS, Node.js, React.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
Certifications: Build Generative AI Productivity Skills with Microsoft & LinkedIn, IBM Certified Cloud Professional Site Reliability Engineer, IBM Cloud Professional SRE Essentials, Microsoft Cybersecurity Architect (SC-100), AWS and React: Creating Full-Stack Apps, Introduction to Artificial Intelligence, Advanced SQL, Power BI Data Analyst Associate (PL-300), Advanced Power Bi.

PUBLICATIONS

A Study Based on Data Replication Storage Technology, International Journal of Research and Analytical Review   June 2019