

ROHITH P

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Technical Skills

- **Languages and Databases:** Python, C, C++, Java, MySQL, SQLite, MongoDB, CassandraDB, OracleDB
- **Web Technologies:** HTML, CSS, JavaScript, Node.js, PWA, Postman
- **Cloud and Tools:** GCP, AWS, Azure, Docker, Jenkins, Figma, Jira, SonarQube
- **Frameworks:** TensorFlow, PyTorch, Scikit-learn

Experience

Verizon

July 2024 – Present

SDE I

Chennai, India

- Awarded the **Spotlight Award** for developing DB Health Check (DBCH), a React and Node.js-based application that reduces **MTTR in large-scale production environments** by enabling real-time database monitoring and proactive issue resolution.
- Developed a **Recycle Bin Purge Tool** for Oracle, ensuring safe and automated purging of unused database objects, with deep linking to DBCH for seamless monitoring.
- Developed Query Filter for Cassandra and Cassandra Cluster Status Tool, enhancing query optimization, real-time node health insights, and performance monitoring to improve database reliability at scale.
- Designed and automated Jenkins-triggered workflows using React.js and Node-RED, optimizing Cassandra operations, infrastructure resilience, and workflow efficiency in large-scale production environments

Verizon

Feb 2024 – July 2024

Intern

Chennai, India

- Worked on Site Reliability Engineering (DB) projects using Jenkins, Ansible, AWS, and CassandraDB to optimize infrastructure resilience.
- Gained hands-on experience in database monitoring with Datastax, New Relic, and Grafana, improving system observability and performance analysis.

Projects

Amrita Tree App - Hackathon | *JavaScript, SQLite, PWA* [AmritaTrees]

October 2022 – January 2023

- Led a team to develop an environmental awareness app aimed at promoting sustainability.
- Designed and implemented core functionalities using JavaScript, SQLite, and PWA for offline accessibility.
- Performed development and testing to ensure smooth user experience across devices.

Amrita Multi-Dimensional Data Analytics | *Federated Learning, Linear Regression*

June 2022 – December 2023

- Developed a federated learning model to analyze tomato drying conditions in a polyhouse setup.
- Implemented a linear regression model to analyze multi-dimensional environmental data.
- Handed over the project as a legacy system to junior team members for further enhancements.

Achievements

Spotlight Award - Verizon

March 2025

SDE -I

- Recognized for developing **DB Health Check (DBCH)**, a critical production tool that significantly **reduced MTTR during outages**, improving database observability and operational efficiency.

Green Hackathon - Amrita Vishwa Vidyapeetham

January 2023

Team Leader

- Led a team in the Green Hackathon, competing against 20 teams to develop an innovative environmental solution.
- Secured **5th place** and was awarded a **cash prize of 2500** by the **Dean of the college** in recognition of excellence.

Education

Amrita University

Oct 2020 – Sep 2024

Bachelor of Technology in Computer Science and Engineering

Coimbatore, Tamil Nadu