

VARUN REDDY VASA

📞 +91 8247757527 ✉ varunreddyvasa@gmail.com [in LinkedIn](#) [Github](#)

Education

SRM UNIVERSITY, KATTANKULATHUR

2017 - 2021

B.Tech in Computer Science & Engineering

81.11%

Work Experience

ITC INFOTECH

Aug 2024 – Present

Senior Developer

Bengaluru

Internal tools and Applications of **AB InBev** - Nodejs, MSSQL, Reactjs, Azure, Azure devops

- Developed **25+ RESTful APIs** for new STM application features, including **email templates** for all core functionalities, enabling seamless integration across modules.
- Developed multiple UI pages, optimised components with **hooks**, ensuring reusability and maintainability
- Optimized backend performance by eliminating redundant database calls, introducing **concurrency**, and implementing **pagination**, achieving **5%–35%** faster API responses.
- Fixed **30+ critical bugs** and refactored codebase, improving maintainability and significantly reducing system defects.

INFOSYS LTD

July 2021 – Aug 2024

Software developer

Bengaluru

Business and Operations Management application for **Airbus** - FastAPI, Postgresql, React, AWS, Github

- Created **20+ API's** for new features of the application, resolved bugs, and ensured a stable application by writing testcases using **testclient**.
- Developed sophisticated frontend pages using **React** and in house **Bootstrap**, adhering to **Figma** designs
- Refactored existing **monolithic** codebase into **modular packages**, improving readability, maintainability, and scalability.

Chatbots and Automation for **Diebold Nixdorf and Johnsons control** - Python, Pandas, Nodejs and OCI

- Designed, developed, and integrated Oracle Digital Assistant **chatbots** from scratch into web platforms via **SDK** and **Microsoft Teams**.
- Seamlessly integrated **third party API's of Oracle** into chatbot ensuring smooth conversation between user & chatbot.
- **Extracted and processed 50k+ records** from Oracle Field Service (OFS) and B2B REST APIs for reporting and analytics, which is scheduled in cron job for regular interval.
- Automated data uploads to OFSC and B2B, significantly **reducing manual effort by 70%**.

Projects

Code labs: An online platform to practice coding.

[Source Code](#)

- A coding platform built using **Python's Django** framework and **Sqllite**. **Docker**-ized for isolated environment **enhancing system security**.
- Deployed in **AWS EC2**, enabled **horizontal scaling with AWS AMI, ASG and ELB**. Completed the platform within **15 days**
- Features include **session based authentication**, online compiler, practice code etc.

Blog API: A backend blogs API application.

[Source Code](#)

- A blog API application built using **Nodejs** framework and **MongoDB**.
- Features include CRUD operations, has **JWT based authentication** and file uploading capability.

Technical Skills

Languages: Python, JavaScript, Java, C++, C

[Leetcode](#)

Backend: FastAPI, Node.js, Express.js, Django

Frontend: React, HTML, CSS, Bootstrap

Clouds & Databases: Azure Devops, AWS, MS SQL, PostgreSQL, MongoDB

Web Technologies: Docker, Rest API

Developer Tools: Postman, VS Code, Git, Github

Certifications/Awards

- **Infosys Insta award** for excellent contribution to the project.
- Oracle certified **Java SE-8** developer associate
- Generative AI landscape