Vishnu Vardhan Puppala

 Chennai, Tamil Nadu, India   ✉ vishnuvardhanpuppala2003@gmail.com   📞 9390337704   in Vishnu767

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Introduction

- Software Developer with 1+ years of experience at BNY, building and testing scalable client-facing applications.
- Actively involved in POCs, design discussions, requirement analysis, and collaborating across multiple Agile teams.
- Quick learner with strong problem-solving mindset, skilled in Java, Spring Boot, and delivering quality solutions.

Experience

Bank of New York - BNY, Software Engineer   Chennai, Tamil Nadu
                                                                                                  July 2024 – Present

- Partnered with the Reports Team to deliver optimized REST APIs for large entitlement data, replacing a legacy reporting solution with modern, user-friendly PDF/Excel outputs.
- Conducted technical feasibility assessments of multiple approaches (Java Streams, Reactive Java, Pagination) to handle large datasets and implemented an efficient and high performing solution.
- Built an AI-powered RAG SQL query agent, enabling internal users to retrieve client data in less than 30 seconds and reducing query resolution time by 85% from the earlier 5–7 minute process.
- Collaborated closely with stakeholders to incorporate evolving requirements and delivered the solution successfully within tight deadlines.

MAQ Software, Software Engineer Intern   Hyderabad, Telangana
                                                                                                  May 2023 – July 2023

- Implemented Playwright-based automation for critical test cases, reducing the testing effort by 90% and providing detailed test result reports.

Education

B.Tech Indian Institute of Technology Tirupati, Computer Science and Engineering   Nov 2020 – July 2024

- GPA: 8.56/10.0
- **Coursework:** Database Systems, Software Engineering, Operating Systems, Machine Learning, Computer Networks, Cyber Security

Technologies

Programming and Query Languages: C++, C, Java, Javascript, Typescript, Python, SQL, Mongoose

Web Technologies: Spring Boot, ExpressJS, ReactJS, NextJS, HTML, CSS, Bootstrap

Core Competencies: REST APIs, Microservices, System Design, Data Structures and Algorithms

Databases: DB2, MongoDB

AI Tools: Github Copilot, M365 Copilot

Achievements

- Secured a rank of 1873 in JEE Advanced 2020 (out of 12,00,000+ Applicants for JEE).
- Expert in Codeforces with a maximum rating of 1622. (Codeforces profile ⬈)
- 5* Coder in Codechef with a maximum rating of 2039. (Codechef profile ⬈)
- Among the top 2.5% coders in Leetcode with a maximum rating of 2026.(Leetcode profile ⬈)