Vaishnavi Vedantha

✉ vaishnavivedantha18@gmail.com 📞 8105175322 📍 Bengaluru, India

🔗 Vaishnavi Vedantha Portfolio in Vaishnavi Vedantha

PROFILE

A detail-oriented and results-driven Software Engineer with experience in full-stack development using NodeJS, ReactJS, and MySQL. Adept at developing and deploying REST APIs, troubleshooting performance issues, and working in a fast-paced, agile environment. Strong problem-solving skills with a keen interest in learning new technologies.

SKILLS

Programming Languages & Development:
Hands-on experience in building full-stack applications using JavaScript, React.js (frontend), Node.js, and Express.js (backend) with MySQL for efficient data management and query optimization.

Cloud Computing:
Familiar with basic cloud computing concepts such as deployment, scalability, and cloud-based storage.

Version Control:
Proficient in using Git for source code management, collaboration, and version tracking via GitHub.

Software Development Practices & Tools:
Experienced in designing and deploying RESTful APIs using standard HTTP methods, with testing via tools like Postman, ensuring seamless integration between frontend and backend systems.

CERTIFICATES

- Frontend Development (HTML) Certification
- ReactJS Tutorial Course Certification
- ReactJS for Beginners Certification
- SQL for Beginners:Learn SQL using MySQL and Database Design Course

PROFESSIONAL EXPERIENCE

Software Engineer   03/2024 – 12/2024
IBAB   Bengaluru, India

Projects:

1. Attendance Management System
- Designed and developed a custom full-stack software solution using a 3-tier architecture to streamline student attendance tracking via QR code scanning.
- Built and deployed RESTful APIs for seamless data exchange between the frontend (React) and backend (Node.js).
- Worked with MySQL for efficient data modeling, query optimization, and real-time faculty dashboard updates.
- Troubleshot and debugged performance issues to ensure smooth QR code scanning and data syncing.
- Collaborated in an Agile environment to deliver incremental updates through sprint-based development.
- Applied OOP concepts such as Inheritance and Polymorphism to reuse common logic across APIs and generate dynamic responses based on user type (students/faculty).

2. Faculty Recruitment Application
- Developed and maintained a full-stack web application following a 3-tier architecture to manage faculty job applications, reviews, and role-based access.
- Designed and implemented RESTful APIs to support customized user dashboards.
- Utilized MySQL to manage structured applicant and review data with optimized query logic.
- Conducted performance diagnostics and resolved backend issues to maintain high availability and responsiveness.
- Worked with cross-functional teams in Agile sprints to ensure timely feature delivery and updates.

Network Engineer   08/2022 – 10/2023
NTT DATA Inc.   Bengaluru, India
Projects:
1. HDFC Bank – Network Operations Support
- **Tools & Technologies:** Xshell, MS Excel,ITSM.
- Logged into routers and network devices using Xshell to monitor and troubleshoot network issues.
- Diagnosed network downtime and guided bank branches in restarting routers to resolve local connectivity issues.
- Identified partial outages and raised docket numbers in service provider portals, documenting incidents for follow-up.
- Collaborated with bank branches and service providers to ensure prompt issue resolution.
- Followed escalation protocols by routing tickets to the appropriate network support teams.
- Maintained detailed incident records using ITSM for tracking and reporting purposes.
- Participated in root cause analysis to minimize recurring network issues and enhance reliability

2. MCN Operations – Network Troubleshooting
- **Tools & Technologies:** ITSM, Cisco vManage, Cisco Meraki, XTAM.
- Logged into Cisco vManage to check router and network device status, capturing screenshots for documentation.
- Analyzed network problems, identified root causes, and escalated complex issues to Level 2 support.
- Raised docket numbers for lower-level network component issues, ensuring proper tracking in ITSM.
- Collaborated with stakeholders to ensure timely resolution and provided updates on issue status.
- Used Cisco Meraki for monitoring and diagnosing network issues and XTAM for securely managing credentials.
- Continuously updated ticket statuses and maintained communication between teams for effective resolution.

EDUCATION

Bachelor of Engineering (B.E.) in Information Science and Engineering   08/2018 – 07/2022
Atria Institute of Technology, Visvesvaraya Technological University (VTU)   Bengaluru, India

ADDITIONAL INFORMATION

- Passionate about continuous learning and staying updated with emerging technologies.
- Strong problem-solving and analytical skills.
- Ability to work independently and in team-oriented environments.