

EXPERIENCE

Trainee Junior Developer

Cnergee Technology, Belapur,
Maharashtra Sep 2024 – Present

- Contributed to the development team of the **SD-WAN product**, focusing on feature enhancements and performance optimization.
- Designed and implemented a **dashboard map** and **master plus dynamic pages** using Angular for improved user experience and functionality.
- Optimized the **login system**, significantly reducing login time and enhancing system efficiency.
- Developed APIs for key functionalities, including:
 - Email Support Panel**: Facilitated streamlined email handling with robust backend logic.
 - Email Panel in Angular**: Enabled user selection of multiple templates, ensured high validation standards for subject lines, and provided a live preview feature for enhanced usability.
- Demonstrated strong **networking expertise** to support the SD-WAN product's core development and integration.

RVSystem Pvt Ltd | March 2024 – September 2024

- Developed a comprehensive suite of RESTful APIs for a SCADA-based machine monitoring system, handling critical operations like machine monitoring, sensor management, alert notifications, and maintenance task handling.
- Designed and implemented robust GET and POST APIs for all database entities, including Machines, Sensors, Alerts, and Maintenance Tasks, ensuring seamless data retrieval and creation.
- Created dynamic APIs for fetching and updating machine data, enabling real-time monitoring of critical parameters such as temperature, vibration, energy efficiency, and uptime.
- Developed alert management APIs to handle fault detection scenarios, including Shaft Misalignment, Gear Faults, and Sensor Malfunctions, improving operational efficiency with customized alert severity levels.
- Integrated validation mechanisms to ensure accurate maintenance scheduling by comparing installation, last maintenance, and next maintenance dates.
- Engineered timestamp-based machine update APIs to maintain data versioning and operational history for better monitoring and analytics.
- Implemented secure CORS policy configurations to facilitate cross-origin resource sharing between frontend and backend services.
- Provided efficient and scalable backend solutions, contributing significantly to the development of a robust machine monitoring system for industrial applications.
- Awarded for outstanding contributions during the internship.

MERN Stack Developer Trainee Engineer

Palle Technologies | August 2023 – March 2024

- Developed various APIs for multiple client projects, including a **real-time chatbot** solution, ensuring smooth communication and dynamic user interactions.
- Successfully designed and developed multiple **end-to-end projects from scratch**, incorporating robust backend systems and intuitive frontend interfaces.
- Integrated **RESTful APIs** to enhance application functionality and data synchronization across services.
- Created secure, scalable backend solutions adhering to industry best practices.
- Implemented dynamic UI components with interactive features, improving user engagement and usability.
- Collaborated with the development team to troubleshoot complex challenges and optimize project delivery timelines.
- Followed Agile methodologies and version control systems to ensure smooth project execution and team collaboration.

PROJECT EXPERIENCE

Chatbot with ChatGPT API

- Description:** Developed a chatbot using the ChatGPT API.
- Technologies:** Python, Django, AWS, Ubuntu.
- Features:**
 - Implemented a conversational interface for user interaction.
 - Hosted on Amazon AWS Ubuntu server for high availability.
 - Integrated with various APIs to enhance functionality.

Advanced Blogging Website

- Description:** Created an advanced blogging platform with Django.
- Technologies:** Django, HTML, CSS, JavaScript, SQL.
- Features:**
 - User authentication and profile management.
 - Rich text editor for creating and editing posts.
 - Commenting system and social sharing capabilities.
 - Responsive design for seamless user experience across devices.

End-to-End Online Course Selling Platform

- . **Technologies:** Django, Python, HTML, CSS, JavaScript, SQL
- . **Description:** Developed a comprehensive platform enabling clients to sell courses and users to make secure payments.
- . **Key Features:**
 - o User authentication and secure payment processing.
 - o Course browsing and purchasing options.
 - o Admin panel for managing courses and transactions.

TECHNICAL SKILLS

- . **Frontend:** HTML, CSS, JavaScript, Angular, React
- . **Backend:** Django, Node Js, SQL, WordPress, Web Security
- . **Data Analysis:** Excel, Power BI
- . **Tools & Platforms:** Ubuntu, AWS, Pandas, Matplotlib
- . **Additional Skills:** Data Structures and Algorithms (DSA), LeetCode problem-solving

EDUCATION

Bachelor of Science in Computer Science, Mumbai
10+2, Board of Higher Secondary Education, Maharashtra

2021 - 24
2020 - 21

ACHIEVEMENTS

- HackerRank Python: 5 Star ([HackerRank](#)) (Rank :1)
- HackerRank SQL: 3 Star ([HackerRank](#))
- Python Problem Solving ([HackerRank](#))