

Kanishq R Purohit

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WORK EXPERIENCE

Developer Trainee

Cognisun Infotech

June 2024 – April 2025

Ahmedabad, India

- Developed and deployed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), focusing on scalable architecture, responsive design, and efficient REST API communication.
- Delivered a context-aware AI chatbot that achieved 85%+ accuracy in resolving user queries, by integrating GPT-4 and OpenAI's Embedding API to enable vector-based semantic search over internal datasets.
- Improved frontend interactivity and session handling on the backend, leading to smoother user experiences across devices and ensuring responsive, cross-browser compatibility, and communicated technical ideas effectively.

Trainee

Zoho Corp India

December 2023 – February 2024

Chennai, India

- Enhanced Zoho FSM's UI responsiveness by 30% by implementing client-side rendering and optimizing backend data flow through Tomcat server, reducing average load times on key user pages.
- Designed and delivered 6+ advanced features including drag-and-drop components, table resizing, API integration, and secure client authentication, improving end-user interaction and reducing manual UI effort by 40%.
- Utilized Zoho's Lyte JS framework for building scalable frontend components and the Mickey backend framework to streamline data processing, contributing to an improvement in application response time across modules.
- Designed and implemented scalable systems, Performed code reviews and maintained coding standards, collaborated with diverse teams, and Applied software development best practices.

Software Engineer Intern Trainee

BNP Paribas India Solutions

February 2023 – July 2023

Chennai, India

- Worked on a project with millions of users and million lines of code.
- Developed and executed Java-Selenium automation scripts across diverse web pages, meticulously scrutinizing each step; achieved seamless integration of intricate systems, resulting in a 40% reduction in manual testing time.
- Undertook the critical role of performing manual testing on pages that posed automation challenges, inspecting each aspect to ascertain their functionality and having successfully found more than 40 bugs.
- Additionally, actively participated in the Agile team's efforts by composing more than 1000 user stories in MS Excel and collaborating to ensure the project's success within tight deadlines.

PROJECTS

MatchMaker | React, Express JS, Node JS, Firebase(FERN Stack, Google Generative AI)

2025

- Created an AI-driven matchmaking platform using Google Generative AI for personalized match suggestions.
- Integrated Firebase for real-time database operations, authentication, and secure cloud data handling.
- Designed an intuitive React interface with chat support, improving engagement and interactivity.

Event Management System | React, Express JS, Node JS, Mongo DB (MERN Stack)

2024

- Built a full-stack web app for creating, updating, and tracking events with real-time synchronization and secure authentication.
- Developed RESTful APIs and a responsive React UI, improving management efficiency and user experience by 30%.
- Enhanced skills in API structuring, database design, and deployment of scalable web applications.

NASA Project | React, Express JS, Node JS, Mongo DB

2025

- Developed a full-stack web application that simulates NASA's mission control, enabling users to schedule rocket launches to habitable exoplanets parsed from a CSV dataset.
- Designed RESTful APIs to submit mission name and launch date, and to retrieve upcoming and historical launches.
- Built backend logic to evaluate planet habitability based on dataset parameters and expose results to the frontend.
- Implemented responsive frontend UI for real-time mission status tracking and launch control interactions.

TECHNICAL SKILLS**Languages** | Python, JavaScript, Core Java, C/C++, mySQL, PostgreSQL, mongoDB, Firebase**Frameworks** | React, node JS, Express.js**Developer Tools** | Git, Visual Studio Code, PyCharm, Eclipse, JIRA**Libraries** | Bootstrap, jQuery, Redux**Skills** | Software development methodologies, Rest APIs, AI Integration,

EDUCATION**Bachelor's of Technology in Computer Science, (CGPA 8.66/10)**

2023

Amrita Vishwa Vidyapeetham

Chennai, India

CERTIFICATES**E-Voting Application** - Best project among all participants.

September 2018

Javascript Certification - Udemy certification for complete JS from beginners to advance.

October 2023

CISCO - Cybersecurity certification with overall 92%.

September 2021

AWS Cloud Practitioner Essentials - Received AWS Cloud Practitioner certificate from Amazon.

March 2022

Deep Learning Workshop - Attended Deep Learning Workshop held at Amrita University Coimbatore.

2022

HackerRank Certification - Received Python, Javascript and MySQL certificate.

2022

FullStack Certification - Attended live Workshop teaching FullStack development

September 2021