

Abishek Kumar

Contact

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Portfolio: abishek-gh.github.io/Portfolio/

Skills

Test Automation & Scripting

- Playwright, JavaScript, TypeScript, Python

Backend & Databases

- Node.js, REST API
- PostgreSQL, MongoDB
- API Testing (Postman, API Dog)

DevOps & Cloud

- AWS
- Docker, GitHub, CI/CD

Project Management & Methodologies

- Agile, ClickUp

Education

Bachelor Of Technology (B.tech)

Bapatla Engineering College, Bapatla
2020-2023 | CGPA 8.01

Electrical & Electronics Engineering (EEE)

Certifications

- AWS Certified Cloud Practitioner - AWS
- Node.js Certification - HackerRank
- JavaScript Certification - HackerRank
- Python Certification of Graduation - PrepInsta
- Introduction to SQL Certification - Coursera
- Communication Skills Certification - TCS iON
- ClickUp Expert Certification
- ClickUp Verified Power User
- Accenture Data Analytics and Visualization Certification - Forage
- Cognizant Agile Methodology Certification - Forage

Languages Known

English, Hindi, Telugu

About Me

QA Automation Engineer with **2+** years of experience in a product-based company. Specializing in building and maintaining comprehensive test automation frameworks from scratch for the entire product using Playwright, TypeScript/JavaScript, and Node.js, seamlessly incorporating these frameworks into CI/CD pipelines. Passionate about making a meaningful contribution to a collaborative team.

Professional Experience

Associate Software Engineer at CareMonitor

Sydney, Australia (Remote)

May 2023 - Present

- Developed end-to-end automation scripts using **Playwright & TypeScript/Node.js**, reducing manual testing efforts by 78%
- Performed API testing using **Postman & Playwright**, ensuring backend stability & performance.
- Automated UI & API testing workflows for complex modules, integrating them into **CI/CD** pipelines
- Identified & resolved bugs early in the **SDLC**, improving software stability & reliability.
- Conducted manual testing for functional, regression, and UI validation as part of the quality assurance process.
- Managed test data & generated structured QA reports for test documentation & compliance.

Projects

Careplan and Alerts Module Automation (Developed for CareMonitor)

- Developed a comprehensive end-to-end automation suite for a dynamic careplan and alerts module using Playwright and TypeScript.
- Automated complex workflows including dynamic form filling, data extraction, and validation across various UI components (sliders, dialogs).
- Integrated both API and UI verification to ensure data integrity and functional consistency, including visual validations like color range checks.

Appointment Scheduler Automation (Developed for CareMonitor)

- Created robust automation scripts for an appointment scheduler module with a dynamic, complex modal interface using Playwright.
- Automated the booking process, validating real-time slot availability via API calls, and verifying communication channels (emails, SMS, in-app messages).
- Covered multiple meeting scenarios (video calls, phone calls) to ensure comprehensive functionality across varied use cases.
- Enhanced test reliability by integrating end-to-end validations and CI/CD pipeline integration.

Tour Web Application (Natours) - [Project Link](#)

- A backend tour application with **RESTful APIs**, filtering, **JWT auth**, user management, and email integration (AWS SES).
- Implements security measures (DDOS, XSS, brute force) and CI/CD deployment via **Heroku**.