

JABIR JALEEL

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ABOUT

Full-stack Software Engineer with 4.5 years of experience building scalable web apps and SaaS products. Skilled in React, Next.js, FastAPI, and AI-driven automation. Passionate about solving real-world problems through clean architecture, user-focused design, and innovative solutions.

SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Technologies & Tools: React.js, Next.js, Chrome Extensions, Node.js, FastAPI, PostgreSQL, MongoDB, LangChain, LangGraph, Docker, Kubernetes, Git, AWS

WORK EXPERIENCE

AssureQASeptember 2022 – Present

Senior Software Engineer, Remote

North Sydney, New South Wales

- Building TestGenix, an AI-powered test automation platform that generates end-to-end test cases using LLMs.
- Developed a Chrome Extension to record and replay browser events for automated web testing.
- Built an API testing tool (Postman alternative) with request chaining, validations, and automated workflows.
- Designed a visual Flow Builder for testers to create, schedule, and manage test scenarios.
- Collaborated closely with QA engineers to integrate AI-driven automation with manual testing workflows.

Max Stack Labs TechnologiesAugust 2020 – September 2022

Software Engineer

Trivandrum, Kerala

- Engineered a hybrid automation framework (Java + Selenium) boosted test reusability and significantly cut execution time.
- Built React-based frontends for internal tools, streamlining workflows and improving user experience for engineering teams.
- Played a key role in developing Poivaa, a travel application, contributing both to feature delivery and robust automated test coverage for high reliability

EDUCATION

APJ Abdul Kalam Technological UniversityAugust 2016 – June 2020

Bachelor of Science in Computer Science (GPA: 6.99 / 10)

PROJECTS WORKS

Real-Time Chat Application

Technologies: React.js, WebSocket, Flask, PostgreSQL

- Designed a real-time messaging platform, achieving 99.5% uptime and supporting over 10,000 concurrent users.
- Built a secure authentication system using JWT and Flask, enhancing data privacy.
- Reduced message delivery latency by 30% with optimized WebSocket connections.

AI-Powered Recommendation System

Technologies: TensorFlow, Flask, D3.js

- Built a machine learning model to provide personalized product recommendations, increasing click-through rates by 25%.
- Integrated the model into a Flask web app with interactive visualizations using D3.js.

Awards and Certificates

- AWS Certified Cloud Practitioner – *Amazon Web Services (AWS)*
- Foundation: Introduction to LangGraph – *LangChain Academy*
- Python – *Kaggle*