

JAYAKRISHNAN V R

811-393-3718 • jayakrishnanvrjk@gmail.com • linkedin.com/in/jayakrishnanvr98 • github.com/jayakrishnan98 • jayakrishnanvr.netlify.app

SUMMARY

Full-stack software engineer with 4+ years of experience building scalable SaaS applications using React, TypeScript, FastAPI, and PostgreSQL. Proven track record of delivering security-focused features including phishing simulation and training platforms. Strong expertise in API design, asynchronous systems, and performance optimization.

SKILLS

Frontend: React (TypeScript), Redux, Angular, Tailwind CSS, Material UI, Ant Design, HTML, CSS/SCSS

Backend & Database: FastAPI, PostgreSQL, Node.js, ExpressJS, MongoDB, REST APIs

Languages: JavaScript, TypeScript, Python

Tools: Git, Postman, Jira, Azure DevOps, VSCode

PROFESSIONAL WORK EXPERIENCE

Hexafort Inc, Bangalore, Karnataka: Senior Software Engineer

August 2025 – Present

- Core contributor to a GRC (Governance, Risk, and Compliance) platform, evolving it into a scalable SaaS solution
- Designed and built modular FastAPI backend services with async processing for high-performance workflows
- Developed end-to-end features using React (TypeScript), Tailwind CSS, FastAPI, and PostgreSQL
- Led development of a phishing simulation system including campaign workflows, email templates, landing pages, and tracking
- Designed manual and automated simulation flows aligned with real-world phishing attack scenarios
- Built security awareness training and quiz modules with multi-step flows and result analytics
- Optimized PostgreSQL queries and schema design for complex relational datasets
- Implemented REST APIs with validation, structured error handling, and logging
- Developed reusable UI components and managed application state using Redux
- Collaborated with product teams on PRDs, workflows, and feature architecture
- Designed and implemented an Artifacts module for centralized management of compliance evidence, enabling secure storage, retrieval, and mapping to regulatory controls
- Built integrations with external systems (e.g., identity and device management platforms) to automate compliance data ingestion and monitoring
- Developed scalable backend workflows to ingest, normalize, and process data from third-party integrations into the GRC platform. Eg: Slack, Gitlab, Github, Bitbucket, Jira, Google Chat etc...

Ernst & Young (EY), Bengaluru: Associate Consultant

September 2024 – August 2025

- Built full-stack enterprise applications using Angular and Node.js
- Developed modules for tax and profitability calculations based on Excel data inputs
- Integrated SharePoint for automated file ingestion workflows
- Performed data transformation using XLSX to align raw data with backend schema
- Optimized backend processing to improve accuracy and efficiency
- Developed responsive UI for a client-facing recruitment portal

Knowledgelens – Rockwell Automation Company, Bengaluru: Software Engineer June 2022 – September 2024

- Contributed to 12+ projects using Angular, React, Node.js, and MongoDB
- Built web and mobile applications using CapacitorJS and Angular
- Enhanced UI/UX using AG-Grid, Leaflet, MQTT, and Jitsi integrations
- Performed unit and integration testing to ensure reliability
- Debugged applications using DevTools and VSCode debugger
- Followed clean code principles (DRY, KISS) across projects

EmpireAe, Kochi, Kerala: React Native Developer Intern

May 2021 – November 2021

- Customized mobile applications based on client requirements
- Implemented new features and improved existing functionalities

CERTIFICATIONS

TensorFlow & AI: Coursera**AI for Everyone:** Coursera**Digital Marketing:** Google**EDUCATION**

Master of Computer Application (MCA)

Graduating April 2022

MG University

8.1 CGPA

Marian College Kuttikkanam, Kerala

Relevant coursework: DBMS, Software Engineering, Web Development, Networking, AI

- Best Outgoing Student (MCA 2022)

Bachelor of Science, Physics

Graduating April 2019

MG University

SB College Changanassery, Kerala

Relevant coursework: C/C++, Python