

RAJKUMAR GOPU

Full Stack Developer

☎ +49 178 722 3015 @ rajkumargopu89@gmail.com 🔗 <https://www.linkedin.com/in/rajkumar-gopu>
🌐 <https://rajkumargopu.dev> 📍 Essen, Germany ⭐ <https://github.com/rajkumargpu>



SUMMARY

Experienced Full-Stack Developer with over a decade of expertise in backend and full-stack development, specializing in **Node.js**, and **React**. Proven ability to design and implement **scalable microservices**, develop **robust APIs**, and integrate **AI/ML models** into enterprise applications. Adept at **requirements analysis**, **system design**, and **Agile delivery**, with hands-on experience in cloud platforms, CI/CD, and DevOps practices. Passionate about building high-performance systems, driving automation, and continuously improving software quality in fast-paced, technically demanding environments.

SKILLS

Node.js



SQL



Scrum



React



AWS



Java



ADDITIONAL SKILLS

Programming Languages & Frameworks

JavaScript, TypeScript, Fastify, Spring Boot, PL/SQL

Database

Oracle DB, Mongo DB, Postgres

Backend & APIs

REST, SOAP, RabbitMQ, OpenAPI, Apigee, 42Crunch, Swagger

Architecture

Microservices, Event-Driven, Database-per-Service

Monitoring & Observability

Datadog

AI & Machine Learning Models

OpenAI GPT-4o, Azure OCR, text-embedding-3-small

Testing & Automation

Cucumber, Robot, Jest

DevOps

GitHub, Docker, Kubernetes, GitHub Actions, Terraform, YAML

IDE and Tools

Visual Studio Code, Postman, Atlassian JIRA, Confluence, Notion, Miro

Development Methodologies

Agile

EXPERIENCE

10/2023 - Present

Düsseldorf, Germany

Product Engineer

Retraced GmbH

- Developed scalable **backend microservices** to automate entity screening, supply chain mapping, and risk management processes
- Engineered advanced **database solutions**, crafting optimized queries and aggregations to improve accuracy, reliability, and performance of complex workflows
- Integrated **machine learning models** into backend systems for enhanced risk assessment, predictive analytics, and entity screening, resulting in a **60% reduction in manual interaction** and **significant cost savings**
- Designed and implemented **secure, high-performance RESTful APIs** to enable real-time communication between different services and front-end application
- Built **event-driven architecture** using **RabbitMQ** to sync co-located data across microservices and enable efficient asynchronous communication
- Developed responsive **front-end** screens using **React** that integrated seamlessly with backend services by leveraging specialized UX-engineered components
- Established automated **CI/CD pipelines**, accelerating release cycles and reducing deployment effort
- Technologies: Node.js, React, SQL, Docker, Datadog, GitHub Actions



02/2022 - 08/2023

Dortmund, Germany

Software Developer

Verizon Deutschland GmbH

- Developed and deployed scalable **backend APIs**, with a focus on improving API reliability, availability, and maintainability
- Automated regression testing, reducing manual effort by **90%** and accelerating release cycles
- Enhanced overall solution security and system uptime through secure design principles and automated validation workflows
- Collaborated with global engineering teams to deliver enterprise-grade backend services across high-impact projects
- **Technologies:** Java, SQL, Swagger, 42Crunch, Apigee, Robot



03/2020 - 02/2022

Chennai, India

Tech Lead

Ericsson Global Services

- Designed and implemented order management application, aligning solutions closely with business requirements and client expectations
- Achieved 98% on-time delivery rate by **leading** a development team of 5 engineers at Ericsson Global Services.
- Implemented CI/CD pipelines, **eliminating manual deployments** and streamlining release management
- **Technologies:** Node.js, React, SQL, Jenkins



11/2017 - 03/2020

Chennai, India

Specialist, System Development

Infosys Ltd

- Designed and developed an enterprise-grade **ordering application** for large-scale B2B customers, ensuring scalability and performance
- Collaborated with cross-functional stakeholders and actively participated in **Scrum ceremonies** to ensure alignment with project goals and timely delivery



02/2014 - 11/2017

Chennai, India

Senior Solution Integrator

Ericsson Global Services

- Developed **full-stack web applications** using Java-based **Ericsson Order Care** platform, improving operational workflows for telecom clients
- Participated in comprehensive **test case planning, preparation, and execution**, ensuring high test coverage and system reliability



08/2011 - 02/2014

Chennai, India

Programmer Analyst

Cognizant Technology Solutions

- Enabled smooth migration of 10+ business processes by reverse-engineering and documenting complex **B2B order management** legacy systems with <2% disruption
- Reduced order processing time from 2 weeks to 2 hours by designing and developing an efficient, scalable order management application



CERTIFICATION

Professional Scrum Master I (PSM-I)

AWS Certified Developer – Associate

KEY ACHIEVEMENTS



Enhanced System Stability

Increased system reliability by **10%** by integrating **BDD** into the CI/CD pipeline, enabling earlier defect detection and more consistent test coverage.



Automated CI/CD

Eliminated manual deployments via **end-to-end CI/CD automation**, reducing release time and errors.



Streamlined Testing Processes

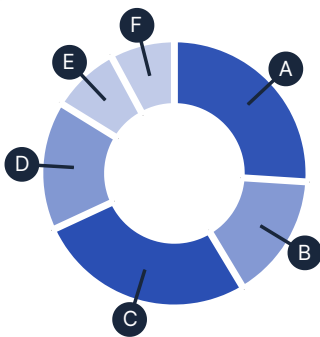
Reduced manual testing effort by 90% with **automated regression tests**.



Led High-Performing Development Team

Led a cross-functional team for **2 years**, achieving a **98% on-time delivery rate** across 50+ bi-weekly release cycles.

MY TIME CONTRIBUTION IN PROJECT



A

Brainstorm

B

Design

C

Coding & Implementation

D

Testing & Debugging

E

DevOps & Deployment

F

Scrum ceremonies & Collaboration

STRENGTHS



Full-Stack & Backend Expertise

Over 10 years of experience as a Full-Stack Developer building scalable APIs and microservices.



AI Integration & Problem Solving

Integrated machine learning models into backend systems to enhance risk analysis and decision-making. Proven ability to solve complex technical problems that lead to performance and reliability gains.



Adaptable & Flexible

Adaptable and fast learner with a growth mindset



Leadership & Cross-Functional Collaboration

Successfully led development teams across projects, collaborating with global stakeholders, product owners, and UX designers to align technology with business objectives and improve user satisfaction.



Agile Practitioner

Strong track record in Agile/Scrum environments, with a focus on continuous improvement, team velocity, and sprint planning.



DevOps & CI/CD Implementation

Built and maintained CI/CD pipelines using **Jenkins**, **GitHub Actions**, and **Docker**, accelerating deployments and improving system reliability in cloud-native environments like **AWS**

LANGUAGES

English

Bilingual Proficiency

German

Basic Proficiency (A2)

EDUCATION

08/2007 - 06/2011



Bachelor of Engineering

Chennai, India

Anna University, Chennai, India

REFERENCES

Peter Merkert, CTO & CISO & Co-founder, Retraced GmbH

Phone: 004325133705

Email : peter.merkert@retraced.com