

# Anuj Joshi

## Senior Software Engineer | Full-Stack Developer

Frankfurt am Main, Germany | [joshi.anujo7@gmail.com](mailto:joshi.anujo7@gmail.com) | +49 176 4578 2221  
[ajoshi.netlify.app](https://ajoshi.netlify.app) | [github.com/joshianuj](https://github.com/joshianuj) | [linkedin.com/in/joshianujo7](https://linkedin.com/in/joshianujo7)

### Summary

Senior Software Engineer with over 10 years of experience delivering enterprise-scale web applications. Specialised in React and TypeScript front-end engineering, cloud platforms, CI/CD automation, and reliability practices. A cross-functional collaborator with a strong focus on scalable architecture and operational excellence.

### Technical Skills

**Front End:** React, Next.js (App Router), TypeScript (strict), Modern JavaScript, HTML5, CSS3, Accessibility (WCAG), Tailwind CSS

**Back End:** Node.js, REST APIs, OpenAPI, GraphQL (schema-first), PostgreSQL, Python (Django), Ruby on Rails

**Cloud & DevOps:** Google Cloud, AWS, Docker, Kubernetes, CI/CD (GitHub Actions, CircleCI), Serverless (Cloud Functions)

**Quality & Architecture:** System design, scalability, TDD, unit and integration testing, observability (New Relic)

### Experience

**Deutsche Bank** 2020 – Present  
*Senior Software Engineer - Trade Finance and Lending* Frankfurt, Germany

- Built and maintained enterprise-scale front-end applications using React, TypeScript, and modern JavaScript.
- Led cloud modernisation initiatives, including GKE infrastructure setup and OpenShift (OCP 4) migration.
- Standardised CI/CD pipelines using GitHub Actions for one-click and scheduled deployments across microservices.
- Improved system reliability through New Relic monitoring and integrated Prisma scanning into CI/CD to enhance security.

**Candylabs** 2017 – 2020  
*Software Engineer* Frankfurt, Germany

- Delivered full-stack web applications using React, Redux, Django, and GraphQL.
- Built CI/CD pipelines with CircleCI, Docker, Kubernetes, and Google Cloud Platform.
- Developed automation services, including Slack bots, using Firebase, Cloud Functions, and webhook integrations.
- Produced analytics dashboards using BigQuery and Google Data Studio.

**Leapfrog Technology Inc.** 2014 – 2016  
*Associate Software Engineer → Software Engineer* Kathmandu, Nepal

- Owned end-to-end delivery across design, development, deployment, and maintenance of production systems.
- Developed Ruby on Rails applications and REST APIs, improving code quality through TDD and structured code reviews.

### Selected Projects

**Real-Time Multiplayer Game (Pew Pew)** Winner, React Riot Hackathon  
Built a real-time multiplayer game with low-latency player synchronisation. *(JavaScript, WebSockets)*

**Comparison of Different Machine Learning Algorithms for Ultrasonic Classification for Advanced Driving Assistance Systems (ADAS)** Master Thesis  
Built and systematically evaluated an ultrasonic object classification pipeline using a Raspberry Pi platform, FFT-based feature extraction, and a comparative analysis of multiple machine-learning classification models for ADAS applications. *(Python, PyQt, TensorFlow, OpenCV)*

**Data Analytics of Irregular Sensor Data**  
Applied multiple classification models to cleaned frequency-domain sensor data, including feature extraction and predictive modeling. *(Python, NumPy, Pandas, scikit-learn)*

### Education

**M.Eng. in Information Technology** 2016 – 2018  
*Frankfurt University of Applied Sciences, Frankfurt, Germany*  
*Key Modules:* Distributed Systems | Autonomous Intelligent Systems | Computational Intelligence | Mobile Computing | Stochastic Signals | Computer Networks

**B.E. in Computer Engineering** 2011 – 2015  
*Kantipur Engineering College, Tribhuvan University, Kathmandu, Nepal*  
*Key Modules:* Data Structures & Algorithms | Distributed Systems | Artificial Intelligence | Big Data Systems