

# Kiran Roge

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Detail-oriented full-stack software engineer with 2+ years of experience designing and developing responsive web applications. Skilled in NodeJS, React, React Native, Springboot and modern UI frameworks, with hands-on expertise in continuous integration, test-driven development, and agile methodologies. Recognized for delivering high-quality, user-centric solutions and optimizing code for performance and maintainability.

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## **Experience :**

### **GreatFrontends** (Contract for TadHealth)

*May 2024 - Present*

#### *Software Engineer*

- Architected and developed a mission-critical marketing platform MVP for TadHealth, collaborating with key stakeholders to deliver a full-stack MERN solution that embraced user-centric design.
- Engineered a production-grade authentication system using Express middleware chains with JWT validation, token rotation, and refresh mechanisms to enhance application security.
- Implemented a high-performance data layer with indexed MongoDB collections and custom Mongoose schema methods to support an event-driven architecture.
- Delivered an enterprise-quality frontend using React with techniques such as code-splitting, and dynamic imports, achieving a 99/100 Lighthouse performance score and reinforcing continuous deployment practices.
- Established a robust production deployment pipeline with multi-environment configuration.

### **Adobe Digital Academy Apprenticeship**

*Jan 2025 - April 2025*

- Completed an intensive, full-time software engineering program with 500+ hours of instructor-led training, reinforcing principles of extreme programming and continuous learning.
- Acquired hands-on experience in full-stack development, including HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, and Python, while focusing on high-quality user experience and design.
- Developed and deployed three end-to-end web applications with RESTful APIs, session and token-based authentication, and responsive UI design, integrating test-driven development and testing strategies.
- Collaborated in Agile Scrum ceremonies such as daily standups, sprint planning, and retrospectives, ensuring effective communication and continuous improvement in product engineering.
- Conducted comprehensive code reviews via GitHub pull requests and provided peer feedback to maintain clean, maintainable code and adherence to modern software development standards.

### **Public Services Administrative Training**

*May 2021 – July 2022*

- Ranked in top 200 of 400,000+ applicants for Maharashtra State Services. Trained in public administration, and development policies. Gained leadership, analytical, and policy planning skills in high-pressure governance environments.
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## **Projects:**

### **TinyKR: URL shortener (React + Node.js)**

[TinyKR: URL](#)

#### [Shortener](#)

- Designed and developed TinyKR, a full-stack URL shortener with React 19 and Node.js, achieving high Lighthouse scores (95 Performance, 98 Accessibility, 100 Best Practices, 91 SEO) through performance optimization.
- Engineered an analytics system capturing geographic location, device types, browser information, and temporal patterns, visualized with an interactive Chart.js dashboard.
- Developed a dynamic QR code generation system using the QRCode library that creates custom, auto-updating visual links for each URL and provides one-click download functionality.

- Architected efficient MongoDB schemas with ClickEvent and Url models for detailed tracking while maintaining optimal query performance. Wrote unit tests using Jest achieving >90% test coverage for back-end APIs and React components.
- Developed a responsive React frontend with Tailwind CSS featuring intuitive dashboard controls, real-time feedback via React-Toastify, and mobile-optimized interaction patterns. Authored detailed technical documentation for reference.
- Deployed full-stack application to Heroku and Netlify with continuous integration from GitHub repository

#### **Craftsy: Artisans' Marketplace (Java + Springboot)**

[Craftsy: Artisans' Marketplace](#)

- Built Spring Boot 3.4.0 e-commerce app with MVC architecture.
- Implemented Spring Security for role-based access, REST APIs for order flow.
- Used Hibernate with JPA for entity relationships (User, Product, Order).
- Developed frontend with JSP, Bootstrap, and jQuery.

#### **Collaborative Project Management App (Node.js)**

[Collaborative Project Management App](#)

- Developed a platform for teams to collaborate, manage projects, and track task progress using MEN stack
- Designed a MongoDB schema to store user profiles, project details, and task metadata with priority, status, and deadline fields. Enabled CRUD operations, user-specific dashboards, and secure access controls. Integrated performance analytics for team insights.

#### **EcoSnap – Plant Identification & Mapping Tool (Django + Python)**

[ecoSnap](#)

- Created full-stack Django app with image upload and geolocation
- Integrated OpenAI & ImageAI for plant recognition
- Visualized map data using Mapbox.js, enabled community-driven wiki entries

#### **Millionaire Quiz Game (Vanilla Javascript)**

[Millionaire Quiz Game](#)

- Developed an interactive web-based trivia game inspired by Who Wants to Be a Millionaire?
- Designed an interactive trivia web app with milestone-based scoring and animated gameplay. Integrated lifeline logic (50:50, Poll, Hint), dynamic DOM updates, and audio-visual enhancements. Used Chart.js for score insights.

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#### **Training/Education:**

##### **Full Stack Java Development Training | Per Scholas**

*Sept 2024 - Jan 2025*

- Agile-Scrum, SQL, OOP, Java SE, Java EE, Spring MVC, Spring Boot, Web Services, Jenkins CI/CD, JDBC, ORM, Unit Testing, JPA, Micro Services, Maven

##### **Bachelor of Technology, Chemical Engineering | Dr. Babasaheb Ambedkar Technological University, Lonere, IN**

##### **Relevant Certificates**

- Harvard's CS50: Introduction to Computer Science

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#### **Skills:**

- **Languages:** Java, JavaScript, Python, ECMAScript
- **Backend:** Spring Boot/MVC, Hibernate, Express.js, Node.js, Django
- **Frontend:** HTML, CSS, Bootstrap 5, jQuery, EJS, React, Responsive Design
- **Database:** SQL, MySQL, MongoDB, RDBMS
- **Tools:** Maven, Jenkins, GitHub, JUnit Testing, Jest Unit testing, Postman, Copilot, Cursor, Heroku, Netlify
- **Methodologies:** Agile/Scrum, Software Development Lifecycle, Continuous Integration, Continuous Deployment, Testing Strategies, Test-Driven Development
- **Web Development & APIs:** RESTful API

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#### **Volunteer Experience:**

##### **NCC Volunteer (India)**

- Administered polio vaccines and led public health awareness for 200+ children.

##### **Menstrual Health Campaign Lead – Rural India**

- Led 4+ awareness workshops educating 50+ women and girls on menstrual hygiene practices.