

# RUDRANSH YEREKAR

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## SUMMARY

Results-driven **Software Engineer** with hands-on experience in developing **enterprise-grade software, websites, and mobile applications**. Skilled at leveraging **AI tools and automation platforms** to independently build end-to-end projects. Strong background in **Electronics and Telecommunication** and **Full-Stack Development**, with a proven ability to deliver innovative solutions under tight deadlines.

## EDUCATION

### B.Tech in Electronics & Telecommunication Engineering

8.35 CGPA, 2020 – 2024

GH Raisoni College of Engineering and Management

## SKILLS

- Core Java
- Python
- React.js
- Problem-Solving
- Spring Boot
- MySQL
- HTML
- Adaptability
- Hibernate
- GitHub
- CSS
- Team Management
- JSP
- Docker
- JavaScript
- Leadership

## EXPERIENCE

### Software Intern - RBrickks Technology, Pune

(May 2025 – Present)

- Developed a desktop application to **process and analyze bulk .sph test files** used in automotive engine testing.
- Implemented **smart filtering options** (by serial number, date, bench, model, platform, parameters, result status) for refined data analysis.
- Automated **Excel report generation** including complete test results, failure frequency, FTR %, retest analysis, and top failed parameters.
- Designed **interactive charts, trend analysis, and failure distribution graphs** for visual insights

### Software Intern - PhoenixGen Systems Private Limited

(May 2024 - Mar 2025)

- Developed and integrated **GenAI** models using **Docker** containers and **Flutterflow** for front-end Enhancements, reduced app load times by 40% and boosted user engagement by 25% within three months.
- Utilized **Docker** for version control and to manage dependencies across different environments, enhancing consistency by 50%.
- Created and managed **Dockerfiles** for building custom images tailored to project requirements, reducing build times by 20%.
- Optimized **Docker images** to reduce size by 35% and improve application performance.

## PROJECTS

### URL Shortener Web Application:

(July 2024 - Aug 2024)

- Built a URL shortening platform using **Spring Boot** backend and **REST APIs**, allowing users to generate and access short links.
- Designed and implemented **MySQL database schema** with JPA/Hibernate for storing long short URL mappings.
- Implemented unique short code generation, URL redirection, and validation with clean service repository architecture.
- Tested APIs using **Postman** and ensured smooth redirection handling with HTTP 302 responses.

### STUDENT DATABASE MANAGEMENT SYSTEM

(Jun 2023 – Dec 2023)

- Developed a comprehensive system for **student registration and data management**, enabling efficient storage and retrieval of student records.
- Designed secure **SQL database schema** ensuring data integrity and optimized queries for fast access.
- Built backend services using **Java** for data processing and integrated a simple **HTML/CSS frontend** for user interaction.