

# Om Balapure

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## SKILLS

**Programming Languages** (Javascript, Core Java, Python)

**Frontend Technologies** (React.JS, Next.JS, Tailwind CSS, Bootstrap)

**Backend Technologies** (Node.JS, Spring Boot)

**Databases** (MySQL, MongoDB)

**Tools & Platforms** (Git, Postman, MongoDB Atlas, Swagger, Netlify, Heroku)

## PROFESSIONAL EXPERIENCE

### LiftOff LLC

Software Engineer

Aug 2022 – present | Bangalore, Karnataka

- Developing scalable **SPA** (Single Page Application) with user friendly interfaces.
- Integrating third party tools like **Store Rocket & RazorPay**.
- Collaborating with the UI/UX team to create responsive layouts.
- Writing **static site** generated and **server side** rendered pages.
- **Technologies Used:** Next.JS, React.JS, TypeScript, Tailwind CSS

### Stratus Technologies

Software Engineer - 1

Mar 2020 – Jul 2022 | Bangalore, Karnataka

- Part of an automation framework to run tests on the **ztC Edge** and **everRun** product line.
- Executed **14/28** automated test chains equivalent to **192 hours** of manual work.
- **Reduced 50 hours** of manual work by writing Python/PERL automation scripts.
- Uploading and running test suites on **qTest**.
- Writing **Makefiles** for building and installing debian packages.
- **Technologies Used:** PERL, Python, Tricentis qTest, Jenkins

## EDUCATION

### B.E. Computer Science & Engineer

Datta Meghe Institute of Engineering, Technology & Research (DMIETR),

Jul 2015 – Apr 2019 | Wardha, Maharashtra

## PROJECTS

### Whatzup

A MERN app to inform society residents about upcoming events/announcements

Jan 2022 – Mar 2022

- Authorization using **JWT**.
- Developed chat feature using **Socket.io**.
- **SendGrid** integration to confirm account and reset password.
- The web application is live.
- **Technologies Used:** React.JS, Node.JS, Bootstrap, Socket.io, MongoDB

### XMeme

A JAVA app where users can search & post memes

Feb 2021 – Jun 2021

- Implements all **CRUD** operations.
- Used **Spring Security**.
- Documentation using **Swagger**.
- **Technologies Used:** Spring Boot, Spring Security, JUnit, Mockito, MySQL, MongoDB, Swagger

### Blood Cell Counter

MATLAB application to count blood cells from the image of a peripheral blood smear

Aug 2018 – Feb 2019

- **Automates** the manual blood **cell counting** process.
- Determines health risks depending upon the cell count.
- **Accuracy** of RBC, WBC & Platelet are **96.8%, 86.94%, 77.03%** respectively.
- Published paper in a UGC journal.
- **Technologies Used:** MATLAB