

OM BALAPURE

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Work Experience

LiftOff LLC | Software Engineer

Aug 2022 – Present

- Creating mobile first, responsive web applications.
- Making user friendly interfaces.
- Staying up to date with the latest technologies.
- **Technologies:** NextJS, ReactJS, TypeScript, Tailwind CSS

Stratus Technologies Bangalore | Software Engineer - I

Mar 2020 – Jul 2022

- Part of an automation framework to run automated tests on the **ztC** 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 Makefile and creating **debian** packages.
- **Technologies:** PERL, Python, Tricentis qTest, Jenkins

Skills

- **Programming Languages:** Javascript, Core Java, Python
- **Libraries & Framework:** ReactJS, NextJS, NodeJS, Bootstrap, Tailwind CSS, Spring Boot
- **Platforms & Tools:** Git, Heroku, Netlify, POSTMAN, Swagger, MongoDB ATLAS
- **Databases:** MongoDB, MySQL

Education

B.E. Computer Science and Engineering

Jul 2015 – May 2019

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

Projects

FIXIT | [Live Project Link](#) | [Source Code](#)

Jan 2022 – Mar 2022

- Fixit is a web app to select and **book two-wheeler automotive services** online.
- **Twilio SMS** integration (Send confirm/reject pickup message).
- **SendGrid** email integration (Sending PDF Invoice, Reset Password, Account confirmation).
- **Technologies:** ReactJS, Bootstrap, ExpressJS, MongoDB Atlas

XMEME | [Source Code](#)

Feb 2021 – Jun 2021

- Web application where registered users can post memes.
- Implements all **CRUD** operations.
- Used **Spring Security**.
- Documentation using **Swagger**.
- **Technologies:** Spring Boot, Security Security, JUnit, Mockito, MySQL, MongoDB, Swagger

BLOOD CELL COUNTER | [Source Code](#) | [Publication](#)

Aug 2018 – Feb 2019

- MATLAB application to count blood cells from the image of blood smear.
- **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.
- **Technologies:** MATLAB

WHATZUP | [Live Project Link](#) | [Source Code](#)

Jan 2018 – May 2018

- A web app which can be used by a society to **inform** about **upcoming events**.
- **Add, edit, delete** announcements/events.
- Developed Chat feature using **Socket.io**.
- Authorization using **JWT**.
- **Technologies:** ReactJS, Bootstrap, NodeJS, Socket.io, MongoDB