

# Ishwar Jagdale

Full Stack Developer

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## EDUCATION

### Deogiri Institute of Engineering and Management Studies

Bachelor of Technology - Computer Science GPA: 3.46

Aurangabad, Maharashtra

2020 - 2024

## SKILLS

**Languages:** Python, JavaScript, Java, SQL, HTML, CSS

**Frameworks:** Flask, Django, React, Express, Electron, TailwindCSS, Redux

**Databases:** Postgres, MongoDB

**Concepts:** Object Oriented Programming, Data Structures and Algorithms, Agile

**Tools & Environments:** NodeJS, GIT, Linux, Postman, Google Cloud, Amazon Web Services, JIRA

## WORK EXPERIENCE

### Product Engineering Intern

Proacure Corp

Remote

11/2023 - Present

- Leading the frontend development using React, and backend with ExpressJS and PostgreSQL, ensuring seamless deployment on AWS infrastructure.
- Designing and implementing efficient APIs to enhance application performance, leveraging OpenAI's API for advanced AI integration.
- Conducting web scraping operations to extract and utilize vital data, while rigorously following agile methodologies, and utilizing JIRA for streamlining project management and effective collaboration with stakeholders.

### Django Developer Intern

Yeshshree Press Comps Pvt. Ltd.

Aurangabad, Maharashtra

02/2023 - 06/2023

- Developed a dashboard to manage enterprise resources by implementing the Python-Django framework with Cassandra.
- Optimized employee management processes and user experience, reducing time consumption by 50%.
- Automated employee check-ins by creating a REST API with Python and Flutter, resulting in a time savings of at least 300 minutes per month.

### Full Stack Developer

Aurangabad Smart City Development Corporation Ltd.

Aurangabad, Maharashtra

11/2022 - 02/2023

- Developed a platform with ReactJS and Python-Flask API which shows tourists nearby historical monuments and their authentic history in 26 international languages.
- Achieved 80% improvement in application performance by image processing using Python-PIL and saving media over Google Cloud using Google Storage APIs.
- Implemented ORM using Python-SqlAlchemy, speeding up the development time and increased security.

## PROJECTS

### Digital Wellbeing and Desktop Companion

08/2023 - 12/2023

CodeName: BayMax

- BayMax is a ReactJS desktop application packaged with the Electron framework. Utilizes Python to use Windows API and communicate via IPC.
- It tracks and visualizes the user's screen time and application usage over time. Offers features such as focus mode, and eye blinking rate maintainer for better care.

**Stack:** React, Electron, JavaScript, Python, SQLite, TailwindCSS, HTML, CSS

### Server-Resource Monitoring Application

CodeName: SysMon

09/2022 - 12/2022

- Built a ReactJS application that monitors the server's computing, storage, and memory resources, and alerts the owner of the downtimes and overloads.
- Implemented a Python script that communicates with OS, sends data over Websocket to the front end, and informs server's uptime by heartbeat mechanism. Visualizes live data stream of resource usages as graphs using ChartJS.

**Stack:** React, JavaScript, Python, Flask, Postgres, TailwindCSS, HTML, CSS