

A **self-taught, full stack python developer** with a “Can do” attitude. I am passionate about learning new technologies and architecture to solve problems. Starting with being a freelancer in college and joining a startup as an early joiner led the way to being a senior software engineer and built a strong technological base for the company.

AREAS OF EXPERTISE

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|-------------------------|------------------|--------------|
| ▪ Python | ▪ Django | ▪ FastAPI |
| ▪ Django Rest Framework | ▪ AWS | ▪ GCP |
| ▪ Celery | ▪ MongoDB | ▪ Docker |
| ▪ SQLAlchemy | ▪ Elastic Search | ▪ Node/JS |
| ▪ Gitlab/Bitbucket CI | ▪ Flask | ▪ PostgreSQL |

CAREER SUMMARY

Senior Software Engineer

- Worked on end to end development; Right from requirement analysis to Documentation, designing workflows, Development, debugging, implementation to deployment and post production issues.
- Experience in **troubleshooting and debugging issues** under high load in the production environment.
- Learned **various technologies on the go** and managed teams working in different technologies and domains.
- Developed **simple solutions for complex problems** to achieve the solution with highest quality.
- Engaged with **clients understanding requirements, building strong relations** and working with them on behalf of the company.
- Experience in **troubleshooting and debugging issues under high load in the production** environment.

PROFESSIONAL EXPERIENCE

CubexO Software Solutions, Indore, MP

Oct 2018 – Present

Senior Software Engineer

- Developed POCs on different tech stacks to check the feasibility of client’s ideas and to win trust.
- Extensively used Django and related technologies to develop 14+ solutions for different business needs.
- Developed a centralized system to monitor health, and logging and alert developed about any breakdown for all the systems delivered and managed by the company leads to more customer satisfaction.
- Developed frameworks and libraries to be used by internal teams to deliver solutions with highest quality without reinventing the wheel.
- Developed internal tools to enable developers to work more efficiently while leaving the boring work for automation.

Freelancer

August 2016 - Sept 2018

Software Developer and Consultant

[fiverr.com/ayushbairagi32](https://www.fiverr.com/ayushbairagi32)

- Developed python scripts to help clients focus on their priority work by automating the boring part.
 - Reverse Engineered Instagram to create bot for social media marketing and helped creators to reach their audience. The created gained upto 300% more engagement without a span of a few months.
 - Communicated with clients to win their trust, understand their requirements and build solutions for them.
 - Completed **85+ projects on fiverr with 4.9 Star rating**.
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PROJECTS

Zpe Cloud

- Implemented a customizable user alerting system on various levels so that users can get real-time information about their network devices.
- Implement a Subscription-based purchase system for a platform that allows the sales team to sell the product more effectively with unlimited configurations offered.
- Reviewed code authored by fellow developers which lead to overall system quality and stability and cached many critical issues before code gets deployed.
- Implemented SAML-based OKTA authentication enabling platform to provide organization-wide access.
- Created Celery tasks to create and share device status reports with the customers on their preferred schedule.
- Implemented multiple database-based architectures to improve the API response time by 60%.
- Implemented Elasticsearch search to improve overall search on the platform and reduce the load on the database by 30%.

Deviare Africa

- Developed an end-to-end learning management system for companies to distribute courses from coursera, Simplilearn without any hassle.
- Build Sandbox-as-a-service, a key product for the company which allows learners to access lab resources and perform experiments without the hassle of setting up complex systems.
- Developed shell script for Linux system to communicate with APIs and manage the sandbox more effectively.
- Implemented CI/CD Pipeline on bitbucket for smooth deployments.

Betrics

- Lead to team to develop Android, iOS, and web platforms from an abstract requirement document with a strict deadline.
- Used different **aws services** to improve platform speed and stability.
- Developed a library to fetch data from different sources and aggregate it to be usable which helped users to make better decisions.

Confidential

- Used Microsoft Graph and Google Calendar apis to manage user calendars and fetch event information.
- Developed complex algorithms to find out user availability and schedule google meet when requested.
- Implemented Mail filtering in incoming and outgoing email to improve organizational security.

EDUCATION

Bachelor of Computer Science and Engineering (2015-2019)

MIT Mandsaur, Mandsaur, MP