

AKASH GIRI

WORK EXPERIENCE

Software Engineer I	Zeliot, Bengaluru	June 2019 – Present
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Working on the back-end. Primarily working on APIs using Node.js and GraphQL

- Developing APIs for different Microservices using Node.js, GraphQL, and databases such as MySQL, PostgreSQL
- Heavily optimized and rewrote some core APIs using best GraphQL implementation including data loaders, conditional rendering and caching, reducing fetch time down to almost 0.5 seconds from 5-10 seconds
- Increased responsiveness of web pages by shifting implementation of search, pagination, and autocomplete to server-side from client-side. This reduced the size of multiple pages by at least 70%
- Formulated guidelines and best-practices for Git and GitLab which was incorporated organization-wide
- Built infrastructure to track, log and analyze usages of APIs by end-users, which helped to make judicial businesses decisions and enhance the right features

Back-End Developer, Intern	Grow Fit, Bengaluru	June 2018 – July 2018
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Developed APIs in Ruby's web framework Ruby on Rails

- Developed APIs for total revenue report of the organization based on various protocols and factors
- APIs are in production and are being used by the whole team (50+) to get revenue data
- Integrated third party API HyperTrack to get data into revenue dashboard
- Used a variety of tools such as MySQL Workbench, Postman, SQL queries and worked with back-end team to solve various issues
- Wrote service classes for fetching data from database and optimized SQL queries for better and faster performance of the APIs

EDUCATION

Bachelor of Technology, CSE	BIET, Jhansi	July 2015 – May 2019
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- Bachelor of Technology in Computer Science and Engineering. Scored 65.24 percentages

Intermediate	Govt. Jubilee Inter College, Lucknow	August 2012 – March 2013
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- Scored 82.00 percentages with Physics, Chemistry and Mathematics as major

High School	Govt. Jubilee Inter College, Lucknow	August 2010 – March 2011
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- Scored 82.00 percentages with Science as major. Got 2nd position in board examination in school

TECHNICAL EXPERIENCE

Projects

- [Let's Quiz Web App](#) (February 2018 – March 2018). A Django based web app which conducts quizzes. User sign-in/sign-up. Leaderboard for players. Random question generation for every user from the database. Questions are displayed once per user ([GitHub link](#))

ADDITIONAL EXPERIENCE

- **Open Source Contribution**(October 2019): Contributed to an open source project of NIT Durgapur. The project is a customized study portal for NIT DGP based on Python/Django ([GitHub link](#))
- **YouTube Content Creator**(2019 - present): Managing a [YouTube channel](#) about technical tutorials (150k+ views)
- **Freelancing** (January 2019) : Django based website which conducts quizzes and produces a personality based on quiz scores. It then matches user's Facebook friends with same personality using Facebook API
- **Python/ Django Instructor at Binplus Technologies (P) Limited**(October-November 2018)
- **Volunteer** (August 2018): Designed Django based website for digitalization of villages land (10,000+) data of district Jhansi. The website is in production and is being used by Tehsil members (50+)

Languages and Technologies

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- JavaScript, Python, Ruby, C, SQL, MySQL, PostgreSQL, Django, Node.js, Ruby on Rails, React, GraphQL, Bootstrap4
 - Git/GitHub/GitLab, MySQL workbench, PyCharm, Postman, Jupyter Notebook, VS Code