

Aashutosh Sharma

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EDUCATION AND HONORS

Malaviya National Institute of Technology, Jaipur (NIT Jaipur)
Bachelor in Chemical Engineering (B.Tech)

Jaipur, Rajasthan
Jun 2016 - May 2020

- Relevant Coursework: Computer Programming, Mathematics (Probability, Linear Algebra, Vector Calculus), AUTOCAD Systems

PROFESSIONAL EXPERIENCE

IntroMagic, Inc.

Full Stack Developer

Bengaluru, Karnataka
Jul 2021 - Present

- Set up an AWS EC2 Ubuntu server using NGINX as a reverse proxy and Unicorn as WSGI server for Django Web Applications with proper SSL.
- Integrated a multi-cloud file transmission system inside our web app. The video file gets transferred from S3 bucket to Google Drive.
- Created a flow in our web app where a recruiter can invite any candidate to apply for the job he posted on our recruiter site and get the responses for it. This is basically different from the first flow which only lets a candidate create an intro.
- Installed job analytics for this flow. Defined the steps for mail tracking in AWS Simple Email Service combined with Simple Notification Service, to generate the data for tracking of Invite Email and then included the new columns in table to track the steps that the particular candidate went through and on which step is he there right now. Also created a CSV file download, where the recruiter can download the file to see the analytics.
- Recently corrected our video processing feature which is a complex function involving various AWS services like S3 and SQS and the Django-crontab.
- Presently working on setting up a new React app which is generally referred to Version 2 where v6 of react-router-dom and the latest version of react will be used.

SKILLS

- **Programming Languages:** Python, Javascript, CSS3, HTML
- **Frameworks and Technologies:** Django, Django Rest Framework, React, React Native, Unicorn, Nginx, Github, Gitlab, JSON Web Token Authentication, Mediapipe, FFmpeg, MySQL, PostgreSQL
- **Cloud Technologies:** AWS: Ec2, S3, Simple Notification Services, Simple queue services, Simple Email Service, Cloudfront CDN, IAM.

PROJECTS

Mobile App using React Native

- Presently working on building a mobile app using react native from scratch.

lebenism.in/

- Built a resume or a portfolio web app where all my projects and all the activities which I generally upload to social media gets first uploaded here. This is like an online resume where anyone can check which projects I am working on and have worked on previously to get a general understanding about my professionalism.
- This also includes a blog (lebenism.in/blog) where my technical posts are uploaded and people who visit my portfolio site get a glimpse of what technicalities I generally face and my solutions.

IntroMagic.io/

- Currently working on version 2.0 of my company where the new react and new react-router-dom will be used.
- Already worked on the server deployment part where a new server is deployed on AWS EC2 Ubuntu instance with nginx as a reverse proxy and Unicorn as a wsgi server for Django Web app.

LEADERSHIP ROLES

- ☐ Headed Public Relations Vertical of H.O.P.E. (Hope of People Everywhere) Jaipur, an NGO working to educate orphans.
- ☐ Worked as Executive Manager in the Film and Photography Society MNIT Jaipur; managed the society counter in the Blitzschlag 2017, annual cultural fest of NIT Jaipur.
- ☐ Worked as Event Associate in the Dramatics Society MNIT Jaipur; went as a Poet to Waves 2016, fest of BITS (Goa Campus) with my three poems accompanying the drama.
- ☐ Worked as Mess Committee Secretary and managed Parijaat Hostel Mess, NIT Jaipur for the session 2016-17.
- ☐ Published my self-written, self-composed song called 'Halki Muskane' on Youtube, gaining 3.5k views in a month.