

## OBJECTIVE

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To utilize my knowledge coupled with experience to convert organizational goals into reality while ensuring a steady growth for self. Love to solve problems and interested in system design.

## EXPERIENCE

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- **Skilrock Technologies** Gurgaon, India  
*Software Engineer* Oct 2016 - Present
  - **RESTful web services:** Wrote RESTful web services in python using Flask-restful for Payworld Analytics. Followed Test-Driven Development and wrote unit tests using the *unittest* module. Used *pre-commit* hooks with *black* and *flake8* to make sure code is formatted & PEP8 compliant.
  - **Data Pipeline:** Designed & developed data Payworld pipeline on AWS using API gateway, Kinesis & lambda functions with serverless architecture. Also developed on-premises data pipeline using RabbitMQ.
  - **Gaming chatbot:** Developed NLP based chatbot in python to play lottery games & purchase tickets for lottoweaver.com platform. Currently it can handle general conversations, show user available games and purchase tickets.
  - **Python tools:** Developed many in-house tools/scripts in python to ease the development process.
- **LabhLe** Gurgaon, India  
*Tech Development Associate (Intern)* June 2015 - August 2015
  - **Employee management system:** Web Application developed to track employees progress, task, and their data. Its frontend developed in HTML, CSS (Bootstrap framework), JavaScript and backend in PHP.
  - **Website Testing:** Ensuring that every functionality of website work as expected. To test the security of website.

## PROJECTS

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- **asciigraph:** Go package to make lightweight ASCII line graph in command line apps with no other dependencies. The project was loved by developers and trended on Reddit, Hackernews & Github. Also got featured in weekly newsletter of golangweekly.com & changelog.com. Currently has over 950+ stars on Github.
- **cryptoCMD:** Python library to get historical market price data of the cryptocurrencies. The project has over 200+ stars and trended on Github several times.
- **Cryptonumus:** App to track real-time buy & sell price of cryptocurrencies from various trading platform or exchanges at one place. Alerts for price changes of specific cryptocurrency, portfolio management to track all investment in cryptocurrencies. Created backend using python, exposed RESTful web services using flask-restful. Wrote schedulers for aggregating data and used Supervisor, Unicorn & Nginx server for the deployment. Started as project for 12hr long Local Hack Day Hackathon in 2017.

## PROGRAMMING SKILLS

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- **Languages:** Python, C, C++, Go
- **Tools & technologies:** Linux, Git, AWS, Kinesis, RabbitMQ, Supervisor, Nginx, Docker
- **Frameworks & Libraries:** Flask, Flask-restful, Django
- **Database Systems:** MySQL, MongoDB, Redis

## EDUCATION

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- **Satyug Darshan Institute of Engineering and Technology (MDU)** Haryana, IN  
*Bachelor of Technology in Computer Science and Engineering; 68%* August, 2013 – July, 2017
- **M.B.D.A.V (CBSE)** New Delhi, India  
*Senior Secondary, Science(PCM); 71%* August, 2011 – March, 2013
- **B.P.S.K.V (CBSE)** New Delhi, India  
*Primary & Secondary; CGPA: 8.4* April, 2001 – March, 2011