

Shraddha Kulkarni

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[Github](#) [LinkedIn](#)

SUMMARY

Energetic and dedicated Learner with strong interpersonal skills. Currently pursuing Computer Engineering. Proven ability to work effectively with people of various ages, cultural backgrounds, and socio-economic statuses. Passionate about Web and Android Development. Well-developed Data-Analytics and Computer Programming skills

Education

LDRP Institute of Technology and Research, Gandhinagar

B.Tech in Computer Science - May 2018

CGPA: 8.85/10.00

Experience

Novus Logics, Gandhinagar – India

June 2017 to July 2017

Summer Internship

Software Engineering Intern

- Assisted in Python, string manipulation, text processing, XML, JSON, fileIO
- Implemented JSON parsing and log/flat file parsing

Start-up Training:

WiseL Gandhinagar Gujarat

June 2016 to Nov 2016

Project: - [Quiz Application](#)

Project Role: - Backend Android Developer

- Created Modules to manage User sessions and Preferences
- Integrated Application with remote data sources using JSON

Project: - [Financial Manager Application](#)

Project Role: - Full Stack Android Developer

- Implemented Authentication System using PHP
- Created modules to store and retrieve User Preferences and Databases
- Tested Application on different Android devices

International Publication

[Cloud Computing in India: Challenges, Progress and Future](#)

Jul 2016 to Sept 2016

International Journal for Research in Applied Science and Engineering Technology

Research Paper

- Read numerous relevant articles and Books
- Evaluated current Indian scenario in the Field of Cloud Computing
- Presented the data using understandable Statistical graphs and charts

[Study of Modern Cryptographic Algorithms](#)

Dec 2016 to Mar 2017

International Journal for Advanced Research in Computer Science

Review Paper

- Implemented Cryptographic Algorithms in MATLAB and evaluated its efficiency
- Reviewing implementation and practical usages of the various algorithms

Projects

Quantitative Aptitude Website (Personal Project)

Dec 2015 to Jan 2016

Project Role: - Frontend Web Developer

- Gathered and filtered information to be presented online
- Translation of UI/UX wireframes to visual elements

Django Social Web Application (Personal Project)

Apr 2016 to July 2016

Project Role: - Full Stack Web Developer

- Designed and implemented an interactive social app using HTML, CSS & Bootstrap frameworks
- Implemented URL Mapping, Online Databases, and CRUD Functionality for creating dynamic platform in Django
- Deployed the Application locally, carried out tests to discover errors and fixed it

Madad Application (Kadi Sarva Vishwavidyalaya)

Feb 2016 to Oct 2016

Project Role: - Backend Android Developer

- Developed the application using Agile Software development workflow
- Implemented a User Authentication System
- Worked with outside and remote data sources using REST and JSON
- Identified and corrected bottlenecks and fixed bugs

Clinic Website (Professional Project)

Aug 2016 to Oct 2016

Project Role: - Frontend Web Developer

- Created website layout/user interfaces by using standard HTML/CSS practices
- Integrated data from various back-end services and databases

Friend Location Finder (College Project)

Jan 2017 to April 2017

Project Roles: - Full Stack Android Developer

- Design, build and maintain high performance, reusable, and reliable Java code
- Implemented Firebase Authentication and Storage for required features
- Integrated Google Play Services and Google Maps API into the Application
- Created and maintained Software documentation

EShippers Web Application (Hackathon Project)

Mar 2017 to June 2017

Project Roles: - Backend Web Developer

- Implemented a robust set of services and APIs to power the web application
- Integrated of the frontend and backend aspects of the web application
- Carried out quality assurance tests to discover errors and optimize usability

Image Recognition Application (College Project)

July 2017 to Nov 2017

Project Roles: - Full Stack Android Developer

- Translated designs and wireframes into high-quality code
- Worked with outside data sources and OCR & MCV API's
- Implemented Firebase Authentication and Storage for required features
- Implemented Python-based Deep Learning model at the back-end using scikit-learn, keras, and TensorFlow Libraries
- Created Restful APIs to connect the Application with Backend Services

Handwritten Number Recognition Application (Personal Project)

Oct 2017

Project Roles: - Flask Application Developer

- Created an UI with Javascript plugged in for dynamic user input
- Trained the model against MNIST Dataset using Random Forest Algorithm at the backend
- Deployed and tested the Flask application locally

Baroda Finathon Web Portal (Bank of India Hackathon Project)

Oct 2017 to Dec 2017

Project Roles: - Backend Web Developer

- Developed a Python-based Web Portal
- Created a Recommender System using Boltzmann Machine & Stacked Auto-Encoders implemented at the Backend, and Integrating it with frontend using RESTful services
- Integrated Google Play Services into Application

Extra-Curricular Activities

1. Secured 1st Position in Survivor's Den Event during Xenesis 2015 at LDRP-ITR
2. Secured 2nd Position in X-Tech Bingo during Xenesis 2016 at LDRP-ITR
3. Attended 7-day Filmmaking Workshop at Bangalore, India
4. Professional Blogger since Dec 2015 (redefinedarena.wordpress.com)
5. Participated in Smart India Hackathon 2017 & Smart Gujarat for New India Hackathon 2017
6. Participated in various TechFest events at LDRP & DAIICT

Volunteering Activity

Art of Living Organization Ankleshwar Region

2010 - Present

- Different Charitable Events and Cleanliness Drives in rural Areas
- Book, Sweets and Bags Distribution to poor Children during Festive seasons
- Free Yoga and Exercise sessions organized in schools/colleges

IEEE LDRP-ITR

Feb 2017 - Present

Publicity Head, Student Branch, LDRP-ITR

- Hosting events and activities for branch members and college students
- Arranging faculties and setting up the event location
- Spreading awareness regarding the events on various social media platforms