Shreyash **Agarwal**

SOFTWARE ENGINEER · SECURITY EXPERT

68 Bondel Road, 4th Floor, Kolkata-700029

☐ (+91) 77-9524-2260 | ✉ shreyash.agarwal93@gmail.com | ⌂ www.shreyashagarwal.in | ⌨ shreyashag | ⬚ shreyashag

"Be the change that you want to see in the world."

Education

M.S.Ramaiah Institute of Technology	*Bangalore, India*
B.E. IN INFORMATION SCIENCE AND ENGINEERING	*Aug 2012 - Exp. Aug. 2017*

- CGPA : 7.95/10

Delhi Public School, Ruby Park	*Kolkata, India*
A.I.S.S.C.E (CBSE)	*2012*

- Computer Science, English, Physics, Chemistry, Mathematics
- Percentage : 87.4%

Delhi Public School, Ruby Park	*Kolkata, India*
A.I.S.S.E (CBSE)	*2010*

- English, Mathematics, Computer Science, Science, Hindi, Social Studies
- 9.60(CGPA) = 92%

Skills

Programming	Python, Node.JS, C/C++, JAVA, LaTeX
Web	Django, Express, Redux, React, HTML5, LESS, SASS
Languages	English, Hindi

Experience

ASDA (Ansul's Dance Academy)	*Bangalore, India*
WEB DEVELOPER & ADMINISTRATOR	*(September 2015 to January 2016)*

- Developed website using Bootstrap, HTML5 and CSS3.
- Also used jQuery plugins such as Slick and Magnific Popup.
- Was responsible for web administration and managing the server for the client (used GoDaddy).

Thappad (OPUS Media LLP)	*Bangalore, India*
APPLICATION DEVELOPER	*November 2015 to March 2016*

- Developed Hybrid Web Apps using Ionic Framework and AngularJS 1.0
- Learnt about MVC framework and the angular pattern.
- Also worked with Cordova plugins for interacting with the user.

Projects

IPAWAC - Intelligent Personal Assistant with Alternative Communication	*M.S. Ramaiah Institute of Technology, Bengaluru, India*
CORE MEMBER	*2016-2017*

- Intelligent Personal Assistant running on macOS using Python3 that incorporates alternative modes of communication such as text input via terminal and also speech via microphone.
- Also incorporates vision for the assistant using OpenCV and has capability to learn and then recognise faces by building models after capturing and training data (using Fisher models).
- Incorporates offline wake-word detection using Snowboy engine, including capability to put the assistant to sleep and then wake up
- Keeps modular nature of the modules and includes Gmail, Google Contacts integration with OAuth2 authorisation mechanism.