

Pooja Vazirani

poojavazirani1997@gmail.com | +91 9869393243

www.poojavazirani.com | www.linkedin.com/in/pooja-vazirani

EDUCATION

August 2014 – August 2019
Mumbai, India

Bachelor of Engineering (B.E.)- Computer Science
University of Mumbai
Vivekanand Education Society's Institute of Technology (VESIT)

PROJECTS

July 2018 - Present
VESIT
Mumbai, India

Final year project – WordPop Application

Development of an android based application that uses optical character recognition to transfer text from physical to digital sources and generate a user-friendly vocabulary tool. Google vision API, Android studio, Oxford Dictionary data set and various image processing techniques were used.

October 2018
VESIT
Mumbai, India

Vehicle Tracking and Counting

Developed project based on MATLAB using image processing techniques for vehicle tracking and counting. Equipment used was camera with calibrated parameters, and direction of traffic was used for initialization. Segmentation of video information and behavioural analysis of vehicles for real time decisions were the two chief themes built and integrated.

October 2018
VESIT
Mumbai, India

Home automation

Developed a smart home environment for motion detection in a ten second time frame. Prediction is based on pattern analysis of relevant home areas, power consumption and time and date attributes.

October 2018
VESIT
Mumbai, India

SYN Flood Attack and Mitigation

I implemented the attack, and as a prevention measure, created a shell script to generate iptables rules that automatically purged on exit. The solution was formulated to reject all suspicious TCP connections and provide limited attempts from a legitimate user's IP address to allow reconnection.

March 2018
VESIT
Mumbai, India

Smart City Traveler

Implemented research methodologies to test and evaluate developmental prototype of an android application. The application employs behavioral and pattern analysis to generate user specific travel itineraries.

WORK EXPERIENCE

June 2018 – July 2018
PeersAlly
Bangalore, India

UI/UX Designer

Assessed user requirements to develop a UI mockup and prototype of the homepage, in collaboration with company engineers. Illustrated design ideas using storyboards. I optimized the designed and enhanced the usability of the product based on existing problems in the product. I used Sketch as the software to build the wireframe.

June 2017 – August 2017
Rotaract Club of Deonar
Mumbai, India

Official Website Creation

Independently designed, built and developed a dynamic website using HTML, CSS, PHP, JavaScript and Bootstrap.
Link for the website: <http://www.rotaractclubofdeonar.com>

July 2016- June 2017
Stupidsid.com
Mumbai, India

College Reviews Team

Designed marketing and expansion strategies, recruited and established campus ambassadors through an interviewing process across four cities in India.

TECHNICAL SKILLS

<i>Programming Languages</i>	C, C++, Java, Python, MATLAB
<i>Web Programming Languages</i>	HTML, CSS, JavaScript, jQuery, PHP, Bootstrap
<i>Database Management</i>	SQL, MySQL
<i>Designing Software</i>	Adobe Photoshop, Adobe Illustrator
<i>Video Editing</i>	iMovie, Movie maker
<i>IDEs and Text Editors</i>	Android Studio, Visual Studio Code
<i>Others</i>	MS Office, AutoCAD, Sketch

CERTIFICATIONS

March 2018	Cross Platform Mobile apps & Mobile DevOps workshop by Microsoft
March 2017	Deep Web workshop, IEEE-VESIT
July 2016	FOSS Technologies with Python workshop
July 2015	Cyber Forensics Workshop by Suraj Bhavsar
September 2015	Robotics Level 1 Workshop, VESIT

LEADERSHIP

July 2018 - June 2019	<i>Secretary</i> , Rotaract Club of Deonar
July 2018 - June 2019	<i>Chairperson</i> , IEEE-VESIT
July 2017 - June 2018	<i>Executive Officer</i> , IEEE-VESIT
July 2017 - June 2018	<i>Director, Digital Communications and Club Service</i> , Rotaract Club of Deonar
September 2016 - January 2017	<i>Chairperson</i> , 'X-pressions '17', The Rotaract Club of Deonar
March 2016 - September 2016	<i>Operational Head</i> , Organizing committee of "Praxis'16" - Technology festival of VESIT

CO-CURRICULAR ACHIEVEMENTS

March 2017	Winner, Model United Nations at 'Utsav', Annual Cultural festival of VESIT
March 2017	Second in Light Graffiti competition at 'Utsav'
September 2016	First in Inter-college Darts competition at 'Sphurthi', Annual Sports festival of VESIT
March 2016	Second in Inter-college Drama competition at 'Utsav'
February 2014	Intercollegiate DSO Basketball championship

HOBBIEES

Basketball | Painting | Travelling | Reading

LANGUAGES

Fluent in: English | Hindi | Sindhi | Marathi
