

Languages and Tools:

- C, Python, Embedded C, Java, JavaScript, PHP, HTML, CSS, MySQL/NoSQL, MATLAB, VHDL
- Linux, Git, Wireshark, Multisim, Keil, Xilinx ISE, Eagle

Co-curricular Activities

- Network Security Group Organizing member
- Electronics Development Cell(EDC) Council member
- Anita Borg Community member

Extra Curricular Activities

- Won Robotics 2014 national level competition organized by Jaipur National University.
- Finalist of All India HACKATHON 2017(Govt. of INDIA initiative).
- Finished in Top 10 teams in Transform Maharashtra 2017, an initiative taken by Maharashtra Government.
- College representative in **AnitaB.org**, Pune Chapter
- Represented Bharatiyam 2017, a technological event by anchoring.
- Secured 6th position in National Dual Debate Competition 2015.
- Won competitions-Street Plays,Best Anchoring, Debates etc.
- Got my paintings published in regional and national newspapers.
- Volunteered medical awareness work with ANaRDe Foundation, Ratlam area.

Publications

Propeller LED Display

Sonali P. Dash, Chayan Kathuria, Ashita Dashottar, Raj Kumar

International Journal of Industrial Electronics and Electrical Engineering-IJIEEE

IRAJ DOI Number - IJIEEE-IRAJ-DOI-11573, Volume-6,Issue-3 (Mar, 2018)

Digitized Chain-Pulling System for Indian Railways (Ongoing)

Ashita Dashottar, Shruti K. Oza

Interpersonal Skills & Hobbies

- Team-work.
- Strong Leadership skills.
- Good communicator.
- Agile.

- Sketching.
- Oil-painting.
- Learning local dialects.

Personal Information

DOB: 11/23/1996.

Languages Known: English, Hindi.

Academics

Course	Institution	Percentage	Year
Diploma in Network Security	Bharati Vidyapeeth University College of Engineering, Pune, Maharashtra, India	First Class (Distinction)	2015-2018
Bachelor of Technology (Electronics & Telecomm.)	Bharati Vidyapeeth University College of Engineering, Pune, Maharashtra, India	8.298 CGPA	2014-2018
CBSE Senior School Certificate Examination (12th)	The Sapphire School, Ratlam, Madhya Pradesh, India	86%	2013-2014
CBSE Secondary School Examination(10th)	St. Joseph's Convent Sr. Sec. School, Ratlam, Madhya Pradesh, India	10 CGPA	2011-2012

Work Experience

Full Stack Developer Intern

June 2018 - July 2018

Ministry of Human Resource Development, Govt. of India

Developed two web applications for Ministry of Human Resource Development (MHRD) Govt. of India, designed the back-end and UI. Showcased the design and DB models, which are in production now.

Software Developer Intern

June 2017 - August 2017

Ministry of Railways, Central Railway, Govt. of India

Delivered two software applications to allocate living quarters for the employees of central railway(QAMS) and CRCA(Central Railway Cultural Academy) web portal.

Projects

• Big Book Bank (Ongoing):

Technologies Used: Java, JavaScript, MySQL, Data Visualization, Algorithms, HTML, CSS

An online portal which allows students to donate used books, which can be accessed by poor children or schools. Thereby, helping students to gain extra social service credits and impacting thousands of lives in positive way.

• Rail-tronic Ticketing System:

Jan 2017 – April 2017

Technologies Used: Java, JavaScript, AJAX, MongoDB, HTML, CSS, MATLAB, SolidWorks

Developed the reservation chart preparation and ticket-checking system for Indian Railways. Implemented QR code & fingerprint scanner to facilitate the authentication of passengers using parallel dummy databases of Aadhaar Card issued by Govt. of India.

• Outreach and Feedback Portal (HRD Ministry of India):

June 2018 – July 2018

Technologies Used: PHP, JavaScript, AJAX, Google API, HTML, CSS, Git

Web portal for organizing inter-college workshops and labs across India. Both students and professors get credits in terms of academic grades and professional credit respectively.

• Quarter Management & Allocation System (Central Railways):

June 2017 – Aug 2017

Technologies Used: PHP, JavaScript, AJAX, MySQL, HTML, CSS, Algorithms

Software application designed for allotting quarters (residence) to railway employees. Developed automatic segregation of employees according to their Grade, Class, Designation, etc., for allocation of living quarter.

• CRCA Module (Central Railways):

June 2017 – Aug 2017

Technologies Used: PHP, JavaScript, MySQL, HTML, CSS, Algorithms

Web application designed for the Cultural Academy of Central Railways for managing the ongoing, upcoming events and inundation of news and artists involved. Developed the project using MVC design.

• Digital Library:

Feb 2018 - Apr 2018

Technologies Used: PHP, JavaScript, AJAX, Data Visualization, HTML, CSS

An information retrieval system which can be used for searching and retrieving content or related books present in the university library.

• Automatic Power Factor Controller:

Feb 2017 - Mar 2017

Technologies Used: Embedded C, MPLAB, PIC Controller, Multisim

It is designed to reduce the wastage of electrical power in industries and commercial premises by reducing the reactive power. BVP COE college deployed its prototype in one of its lab.

• Robo Sapien:

Sept 2014 – Oct 2014

Technologies Used: SolidWorks, Hardware prerequisites

A wired robot built for completing the task of placing a ball in the basket while competing with other robots.