URVASHI PANDEY

GRADUATE FRESHER

: +91 9527134231

: Lucknow, India

: urvashipandey27@gmail.com

: www.linkedin.com/in/urvashi-pandey-a49a9415a

An Electronics and Telecommunication graduate seeking a full-time position in a technology-driven environment to expand my technical knowledge and its applications such as, designing, testing, and modifying products/system through exploration that will help me to create new ideas to foster the goals of a company.

TECHNICAL SKILLS

- MATLAB, Simulink, and Stateflow
- **Programming Skills:** Embedded C, Verilog, Java, C, Python, HTML, SQL, XML
- Digital signal & image processing, VLSI, Digital electronics, networking protocols, data structures, Power electronics & drives, renewable energy fundamentals, electrical quipments & circuits.
- Manual Testing
- **Microcontrollers worked on:** 8051, PIC, ARM, Arduino IDE, KEIL cross compiler, and MPLAB X v4.05
- **Other platforms:** Xilinx ISE design suite 14.6, Microwind 3.1, NetBeans, KiCAD, Proteus
- Microsoft products (Excel, word, PowerPoint, Access)
- Google products (Gmail, Hangouts/Meet, Drive, Slides/docs/sheets)

SOFT SKILLS

- Problem-solving and analytical skills
- Meticulous
- Innovative
- Communication skills
- Honest
- Critical thinker and future- oriented.

CERTIFICATES

- Online certification course in MATLAB Onramp by Mathworks.
- Online certification course in Simulink Onramp by Mathworks.
- Online course on 'Energy Production, Distribution & Safety Specialization' by Coursera.
- Certificate for International Telecom Seminar "communique '16" at SITM, Pune.
- Certificate for technical quiz held at Symbiosis Institute of Technology (2016).

ACTIVITIES

- Design Co-head in college Techfest Vidhyut'17
- A social worker in Seva Sahayog Foundation, Pune.
- 1st prize in CBSE Sahodaya Complex (2012).
- 1st & 3rd prize in Protathlitis Cricket tournament (2018 and 2019).
- 1st prize holder at School-level Chess tournament
- **Industrial exposure:** Volkswagen, 512 army base, Renu electronics, and Mapro.

INTERESTS

Mind puzzles, Books, Chess, Swimming, Cricket, Traveling, and Coding.

EDUCATION HISTORY

SYMBIOSIS INTERNATIONAL UNIVERSITY, PUNE

Bachelor of Technology (Electronics and Telecommunication) 2016-2020

LUCKNOW PUBLIC SCHOOL, LUCKNOW

Intermediate 82.8% 2014-15

LUCKNOW PUBLIC SCHOOL, LUCKNOW

High School 9.4 CGPA 2012-13

INTERNSHIP EXPERIENCE

Currently interning at Nobroker, Bengaluru

PRODUCT SUPPORT ENGINEER INTERN SEPT'20-NOV'20

- Researching, diagnosing, troubleshooting, and identify solutions to resolve error and enhance the product.
- Technologies: java, HTML, SQL, and excel.

Johnson Controls-Hitachi Air Conditioning India Ltd., Gujarat

PRODUCT DEVELOPMENT AND TESTING INTERN JUNE'19-DEC'19

- **Model-based design for AC controller**

Designed and implemented a control system using MATLAB, Simulink, and Stateflow for automatic cleaning of an Air Conditioner. The work plan included feature analysis, simulation, lab testing, auto-coding, verification, and validation.

- **Manual Testing of PAC Adapter**

Checked communication between the Indoor Unit with varieties of Handsets and a Central Station to monitor basic mechanisms at several modes. The work plan included feature understanding, manual testing, troubleshooting and debugging.

PROJECTS

- **Accident Locator & Emergency Response Tackle:**

A smart accident detecting device which will automatically trigger alert messages to nearby ambulances and hospitals. The technology stack includes GPS, GSM module, Arduino UNO, gyroscope, accelerometer ADXL335, C, C++, and google maps.

- **Solar Charge Controller:**

A Current or voltage controller to charge the battery. The work plan included circuit design through KiCAD, GPB mounting, breadboard mounting, testing, and installation.

- **Lockduino:**

Arduino UNO and an RFID module were used to create the door combination lock.

- **+5 and -5 volts Power supply:**

The work plan included etching, PCB mounting, soldering, and testing.

- **Text extraction from an image in MATLAB:**

A MATLAB based code that extracts text from image which contains text, numerical, special character, and mixer of the same.

- **LDR sensor interfacing with LPC2129:**

Included Embedded C code, LPC2129 hardware connection, output from Flash Magic, and ADC for interfacing.