

HARSH BHATIA

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Software Engineer with experience of Python automation and scripting embedded with proficiency in data warehousing, SQL and ETL tools bundled with visualization and reporting. Accustomed to full-stack web development with the delivery of live projects.

EDUCATION

Bachelors of Engineering | Mumbai University, India May'17

Electronics & Telecommunication | GPA: 7.1/10

Diploma Engineering | Maharashtra State Board of Technical Education, India June'14

Electronics & Communication | 71.43%

PROFESSIONAL EXPERIENCE

Accenture, Application Development Analyst Dec'17 – Mar'20

Work over the ETL streams establishing the data warehouse using Informatica Powercenter and IBM WebSphere Message Broker. Integrate operations with the support of IBM MQ to deliver end-to-end data solutions for analysis and analytics, to groom the future implementations of business.

- Delivered 7 automation for client reporting and validation which **improved time efficiency by more than 90%**.
- Introduced and delivered 2 automation based out of Python resulting in **80% time efficiency**.
- Conducted **knowledge sessions** for employees across Bangalore and Mumbai location on **Python and Kotlin**.
- Simplified monotonous processes with Powershell automation.
- Analyzed and tweaked database queries reducing time and manual efforts by **50%**.
- Led and supervised peers on various ETL automations which reduce human efforts and intervention.
- Received recognition from various levels of the organization.

Freelancer, Full Stack Web Developer Aug'17 – Nov'17

- Responsible for developing and designing the website: www.techmoversystems.com
- Designed the entire front end design of the website constituting of 30+ pages with password protection and self-designed modals.
- Structured the back end to handle user registrations, password protections, and other aspects.
- Managed the hosting and domain for the client.
- Exposed and experienced on PHP, HTML5, CSS3, Javascript and Wordpress CMS.
- Received high appreciation from the client towards the deployment of the project.

SKILLS

Domains: Web Development, Business Intelligence, Data Warehousing, Android Development

Languages: Python, Java, SQL, C, HTML, CSS, Shell and Powershell Scripting

Tools & Technologies: Data Warehousing, Informatica Powercenter, Talend Open Studio, Business Objects, Tableau, Wordpress CMS, Android Studio, Microsoft Office

Operating Systems: Windows, Unix

IDE(S): JetBrains, Eclipse, Anaconda, NetBeans, Codeblocks

PROJECTS

ACADEMIC

VOICE CONTROLLED HUMAN ASSISTANT – HUBOT

Humans affected by medical disabilities have involuntarily needed dependencies on others. This robot has been designed and built to help the physically challenged patient, who could perform the tasks just by recognizing the voice commands of the human.

Development Board – Raspberry Pi

Coding Languages(s) – Embedded C, Python

GESTURE CONTROLLED ROBOT

Fields like military, modern mechanical autonomy, development vehicles, have it confounding to control the robot or specific machine with remote or switches, at some point the administrator may get befuddled in the switches, so another idea is propounded delivering control over the machine with the gesture of a hand.

Coding Language - Embedded C

PROFESSIONAL & SELF DRIVEN

Auto Data Backup

Designed a PowerShell script to automate the data backup process from a user's system to an external hard drive. The utility can also be used to transfer bulk data within the system drives.

MS-SSRS Subscription Monitoring

Oct'19 – Nov'19

Implemented a PowerShell script to interact with MS-SSRS ReportServer and fetch the failed subscriptions. The implementation was kept dynamic time period filtering added along with the report being sent out in an email.

MS-SSAS Metric Scanner

Sept'19

Designed a VBA application to scan through various measures and fields and send out reports based on business validations through an email to the concerned stakeholders.

XML EXTRACTOR

Mar'19

A generic application to extract information from user-defined tags of the XML file.

FRENCH TUTOR

Jan'19

Tutor & translation android application to teach French to language enthusiasts built using Java, XML and Android API's.

SPORTS SCORE TRACKING APP

Dec'18

Simple android applications to track scores of sports such as Basketball and Soccer.

ORDER YOUR COFFEE

Dec'18

A coffee ordering interface based out of android.

RNAC

Jun'18

A simple standalone application which helps in removing all non-ASCII characters in multiple file.

PUBLICATIONS & CERTIFICATIONS

Oracle Certified Professional Java Programmer, Oracle

Mar'16

D-Link Certified Specialist Wireless, D-Link

Mar'17

HUBOT – Voice Controlled Human Assistant, IJIRCCCE

Jun'17

http://www.ijirccce.com/upload/2017/june/28_V50606104_HuBot_-_Voice_Controlled_Human_Assistant.pdf

Tele Immersion – A Perspective through Virtual Eye, IJIRCCCE

Nov'15

http://www.ijirccce.com/upload/2015/october/91_Tele.pdf

ACHIEVEMENTS

- Promoted as an Application Development Analyst from an Associate – Dec'19
- Received the Excellence Award under the Client and Customer Satisfaction portfolio for deliveries in the 4th quarter – Nov'19
- Felicitated with the Samaritan award by Delivery Unit India Lead, Accenture – Apr'19
- Received recognition from Delivery Unit India Lead, Accenture – Apr'19
- Recognized as Star of the month across the project within 4 months of joining – Jun'18
- Secured the third position in INNOVATIONS'17 - National Level Project Competition held at SIES GST. – Mar'17
- Received a letter and certificate of appreciation as a technical content writer & subject matter expert (Micro Controllers) at StupidSid online platform. – Mar'16
- Won 1st prize at Thakur Polytechnic, MSBTE sponsored state level Technical paper presentation on the topic "Tele immersion". – Jan'14

LEADERSHIP & ACTIVITIES

- Invited as a guest speaker to address students of the sophomore year on Data Warehousing and its industrial significance.
- Conducted various workshops on 'Report Designing and Documentation using LaTeX & Microsoft Word' and 'Development using Raspberry Pi' for engineering students.
- Training & Placement coordinator (VESIT) – June'16 – July'17
- Participated and winner at Inter-Collegiate Soccer events.

- Participated and winner at Inter-Collegiate Lan Gaming (NFS) events.