Khushkumar Patel

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Education

Ganpat University
2015 - 2019

B.Tech. Computer Science and Engineering
(Specialization: Cloud Based Applications) in association with IBM
CGPA: 8.34/10.00 | Grade: A (till 6th Semester)

Job Offer

Tata Consultancy Services Ltd. (TCS)
Sep 2018

Assistant System Engineer - Trainee
Offer Letter received through Campus Placement

Internships

Azilen Technologies Pvt. Ltd.
Dec 2019 - Present

Machine Learning Internship | Full-time

Let's Nurture Infotech Pvt. Ltd.
Jun 2016 - Apr 2017

Industry Internship - Team Lead | Part-time
Project: KarConnect - IoT based real time vehicle diagnosis and driving
behavior monitoring platform

Cyber Green Defence
Jun 2017

Summer Internship | Full-time
Project: Sanjeevani Hospital - Hospital Management System

Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI)
Jun 2015

Summer School Internship | Full-time
Guide: Prof. Anil Gupta, IIM Ahmedabad

Projects

Heart Disease Prediction | Machine Learning
Fall 2018

Tools Used: Jupyter Notebook, Spyder, Weka, RapidMiner
Models: Naive Bayes, Decision Tree, AdaBoost, Ensembling Method

Emergency Fire Exit System in Bus | IoT and Cloud
Fall 2018

Tools Used: Raspberry Pi 3, Arduino Uno, ThingSpeak, IBM Cloudant,
Android Studio
Sensors: MQ2 Gas Detector, Temperature and Humidity, Servo Motor,
GSM900A, GPS Sensor, 16x2 LCD Display

KarConnect | IoT and Python
2016 - 2017

Tools Used: Raspberry Pi 3, Arduino Uno and Mega, On Board Diagnostics (OBD-II), OBD Simulator, Automosys Dongle Simulator
Sensors: PIR Motion Sensor, Ultrasonic Sensor, Servo Motor, DHT11,
HC05, 16x2 LCD Display

Funding Stack | J2EE and IBM DB2
Fall 2017

Tools Used: Eclipse Neon, BootStrap, IBM Rational Application Developer, IBM DB2
Modules: Live chat between Innovator and Sponsor, Image Handling,
Mail API, Database Administrator, Front-End Development

Apps Control Docker | Python (Linux) — Spring 2017

Tools Used: Python GUI, Tkinter, Ubuntu v16.04, Inkscape
Modules: Ubuntu Docker, Customization, Access Operating System

Airline Reservation Management | Java and MySQL — Fall 2016

Tools Used: IBM Rational Application Developer, MySQL
Modules: User Login, Flights Availability, Flight Current Status, Passenger Details, Validation, Short Promotion Video (Marketing)

Bank Recurring Deposit System | C++ — Spring 2016

Tools Used: CodeBlocks, DevC++
Modules: User Data Manipulations, Recurring System, Withdraw and Deposit, Authentication, GUI and Audio

Patent

An Angularly and Laterally Displaceable Seat for Vehicles — May 2016

Patent Application No.: 3548/MUM/2014
Publication Authority: Intellectual Property India
Research Project: Movable Seat for Physically Disabled in Cars

Scholarship

Tuition Fee Waiver Scheme — 2015 - 2019

Fully funded scholarship for undergraduate engineering program; funded by State Government

Honors

- Facilitator for Google Applied CS Skills program
- Recipient of the PyTorch Scholarship Challenge from Facebook
- Won "Honor Medal" in I-SWEEEP 2016 International Science Fair at Houston, Texas (USA)
- Received prestigious "IGNITE Award" by Dr. APJ Abdul Kalam (Former President of INDIA) from National Innovation Foundation

Technical Skills

- **Programming** :
  Python, Java & J2EE, C/C++, Shell Scripting
- **Data Science Tools** :
  Jupyter Notebook, Spyder, Weka, RapidMiner Studio, Canopy MATLAB
- **Cloud** :
  IBM Bluemix, Amazon Web Services
- **IoT** :
  Raspberry Pi, Arduino, Sensors, Micro Controller
- **Database** :
  MySQL, IBM DB2, MS SQL
- **Web** :
  HTML/HTML5, CSS, JavaScript, BootStrap, Responsive Design, UI/UX Design
- **Other** :
  GitHub, LaTeX, Digital Media
- **OS** :
  Linux (Red Hat RHEL7, Ubuntu), Windows

Badges Earn

- **IBM Cloud Application Developer 2018 - Mastery Award**
- **IBM Machine Learning with Python**
- **IBM Applied Data Science with Python**
- **IBM Data Science Foundations**
- **IBM Python for Data Science**

Certifications

- Deep Learning with TensorFlow
- Google Applied CS with Android
- Google Cloud Platform Fundamentals
- Google Code-In 2015
- Scientific Computing using Python by FOSSEE, IIT Bombay
- LaTeX Training Certificate by Spoken Tutorial, IIT Bombay

Participations

- SAS Business Analytics and Data Mining Championship 2018
- Microsoft India AppFest
- Intel Tech Challenge
- TCS IT Wiz
- Google Science Fair 2014

Roles

- Student Co-ordinator, Training and Placement Cell at Ganpat University
- Student Co-ordinator, Student Publication Associations Committee at Ganpat University
- Active Member at Google Developers Group Ahmedabad

Industrial Visits

- NASA Space Center   Houston, USA
- IBM India Pvt. Ltd.   Pune, India
- Extentia Information Technology   Pune, India
- Centre for Development of Advanced Computing (C-DAC) Pune, India
- eClinicalWorks   Ahmedabad, India