Dhruv Pandey

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Education

Ambedkar Institute of Advanced Comm. & Technical Research(AIACTR),GGSIPU,Delhi

B.Tech, Comp. Sc. (2011-2015)   *80.89%*

CBSE   **CBSE**
XII (2011)   *92.5%*   X (2009)   *94.3%*

Key Skills

- Python 3
- Computer Vision in Python(OpenCV, YOLO3)
- Deep Learning with PyTorch
- Liferay 6.2(Developer+Admin)
- Java(Core+Advanced)
- Web: JavaScript and jQuery, CSS
- Atlassian Products(JIRA, Crowd, Confluence)
- Google Analytics and GSA(Google Search Appliance)
- MySQL
- Github
- Machine Learning Enthusiast

Work Experience

Tata Consultancy Services (TCS), Finland
System Engineer (June 2018 – Present)

- Working for Finland based telecom company at client location
- Architecture Upgrade for existing interface applications
- Application Level Support and Server Maintenance for Telecom Critical applications
- Monitoring Automation at Server and Application Level through Grafana
- Devops: Jenkins for integrating Github, artifactory push, Testing(Robot Framework) and server deployment
- Admin and server related tasks for Atlassian products(JIRA, Crowd, Confluence)

Tata Consultancy Services (TCS), Gurgaon
Assistant System Engineer (Oct 2015 – May 2018)

- Full stack developer in Liferay 6.2(Frontend, Backend Developer and Admin)
- Portal Development for a Finnish client from scratch.
- Use of Agile Methodology, JIRA and other Agile Processes which helped in on-time delivery and Go-live.
- Code Management through Github.

Tata Consultancy Services (TCS), Chennai
Assistant System Engineer Trainee (July 2015 – Sept 2015)

- Developed a Telecom Portal in a team of 13 trainees using Java, JSP, Servlets, Bootstrap and v2.0 using Angular JS.

Internships and Projects

RAC(Recruitment and Assessment Centre), DRDO(Defence Research & Development Organisation)
17th June 2013 to 29th July 2013

- Assignment entitled "Automated Email Sending"
- Under supervision of Mrs. Jyoti Bhalla, Asst Director, Scientist 'B'
- The application runs on Desktop as a cron and reads CSV file from user's phone and reminds user of any birthday or reminders. Then it allows to send mail to the employee using predefined or custom templates.
- Technology Used: Core Java, JDBC, Java Swing, MySql

ITI(Indian Telephone Industry)
16th June 2014 to 31th July 2014

- Assignment entitled "Email/SMS Sending System"
- Technology Used: Core Java, JDBC, Java Swing, MySql, HTTP requests and response

Intrusion Detection System based on Genetic Algorithm
Major and Minor Project

- An application which automatically runs on system start-up records the start-up and shutdown time of the system. Based on the past duration values it applies Genetic algorithm to calculate the expected usage time of the system. If the current usage exceeds the expected usage then it is informed to owner as Intrusion. Same principle can be applied to Network Usage.

@@time(At a time)
Hobby Project on Heroku

- Created as a Hobby Project on Heroku. Single Page application based on Bootstrap, Javascript-AJAX, Servlets using Tomcat container and Postgres SQL on Heroku.
- The application lets users mark their current activity and then check the list of other users(with geographical location) doing exactly the same activity at that time.
- Whatsapp chat with other users also supported.
- Rich UI, easy signin using Google API and all devices support.

Courses and Certifications

- Computer Vision for Object and Face Recognition in Python using OpenCV and YOLO3
- Single Lane Self Driving Car using CNN
- Deep Learning using PyTorch and Jupyter Notebooks on edX
- Chatbot creation using IBM Watson Assistant
- Andrew Ng's Machine Learning Course on Coursera for Theoretical foundation
- NPTEL Online Certification for Programming, Data Structures and Algorithms
- Recognized by Oracle Certification Program as an Oracle Certified Professional, Java SE6Programmer.
- 1 year duration course of Core+Advance Java, Struts, SQL from Ducat, Noida.

Achievements

- Star Performer in TCS Training in Chennai.
- Active participator in TCS Agile Group.
- Client Appreciation in TCS for smooth Go-Live and on time deliveries.
- 2nd Position In Scavenger Hunt(College Fest).
- Anuvrat Essay Competition Winner In East Delhi.
- Scholarship Of 11000INR for School Topper In 10th Class.
- 100% Fees Exemption During Classes 11 And 12.
- Awarded With Rajiv Gandhi Chatra Pratibha Puraskar.
- Awarded With Amul Vidya Shree.