

Prateek Bhatnagar

















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Work Ex  11+ years

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Professional Certifications

















09/2020	Python Programming Expert Certification	 	
09/2020	Python Professional Certification	 	
09/2020	Data Science (In Progress)	 	
09/2020	DevOps	 	
09/2020	AWS (In Progress)		

Skills

DevOps	Git, Jenkins, Ansible, Kubernetes, Docker, ANT/Maven
Data Science	Pandas, Numpy, Matplotlib, Scikitlearn
Cloud	AWS, OpenStack
QA/Testing	Manual/automation, Troubleshooting, Debugging
OS	Windows ,Linux, MacOS
Automation	Python, Groovy, TCL/tk, Go
Machine learning	Linear & Logistic Regression, LDA, PCA, Decision Tree, Random Forest, Naive Bayes, SVM, Clustering,
Tools	JIRA, Confluence, Git, SVN, Bitbucket
Management Skill	Team leadership, Conflict resolution

Work Experience



11/2018 – 11/2020 Working Student	IAV GmbH, Dresden, Germany <ul style="list-style-type: none">Automation of SVN tag merging using pythonIntegration with Jenkins using ANTGroovy script development to automate pipeline	 
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	 SVN, Jenkins, IntelliJ, Spyder, Groovy, ANT, Python , JIRA	
03/2020 – 08/2020 Master Thesis	TU Dresden, Germany <ul style="list-style-type: none"> Designed a secure privacy-preserving machine learning framework  Python, Machine learning, Tensorflow, Docker, Pycharm, GIT	 
09/2019 – 10/2019 Working Student	TU Dresden, Germany <ul style="list-style-type: none"> Automation testing prototype for container based setup Markdown file automation using python  Docker , GIT , Python , Eclipse, Pycharm	 
03/2016 – 09/2018 Associate Solution Architect	Sterlite Technologies Limited, Pune, India <ul style="list-style-type: none"> Integration of native applications at openstack Openstack PoC with Deutsche telecom Launch of fixed network in QTL Chandigarh, area as solution architect  Openstack, Python, YAML, SQL, Project Management, Customer Management	
10/2014 – 03/2016 Senior Software Engineer	Alef Edge, Pune, India <ul style="list-style-type: none"> In-house tools development in python Testing of Cache server, packet gateways Testing on live data at Vodafone lab Analysis of live data using excel and visualization (Excel) tools  Python , GIT , Linux , Docker , Nginx , JIRA , Confluence, Logs Analytics	
03/2012 – 10/2014 Software Engineer	Cisco Systems, Pune, India <ul style="list-style-type: none"> Creation and validation of test cases from RFCs & 3GPP specifications Automation of Test Cases using Python  Python, Unix, LTE, UMTS, QA, Leadership, Mentorship	
07/2007 – 07/2010 MTS	Cisco Systems, Pune, India <ul style="list-style-type: none"> Creation of Automation infrastructure in TCL for DPI feature  TCL, QA, Spirent, IXIA, OOP, Unix, Mentorship	
08/2006 – 04/2007 Bachelor Thesis	Honeywell automation India Ltd, Pune, India <ul style="list-style-type: none"> Remote monitoring over internet Designing of algorithm to convert serial to Ethernet 	



Education



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|-----------------|---|---|
| 10/2018-09/2020 | TU Dresden, Germany |  |
| | <ul style="list-style-type: none">• Master of Science in Distributed System Engineering | |
| 08/2010-02/2013 | Bharathiyar University Coimbatore, India |  |
| | <ul style="list-style-type: none">• MBA in Telecom Management | |
| 07/2003-08/2007 | Pune Institute Of Computer Technology, Pune, India |  |
| | <ul style="list-style-type: none">• Bachelor of Engineering Information Technology | |


References



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|---------------|--|
| IAV GmbH | Andreas Teresiak: andreas.teresiak@iav.de |
| Cisco Systems | Saroj Panda: saroj.panda123@gmail.com |

Social work



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|---------------------|---|---|
| 08/2019 - Till Date | Volunteer - Indian Association Dresden |  |
| | <ul style="list-style-type: none">• Google APIs scripts to send automatic emails• Lead new Student welcome Initiative 2019• Leading new Student welcome Initiative 2019 | |



Interpersonal & social communication, public dealing