Nikhil Vyas

SOFTWARE ENGINEER

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Rapid Learner, Passionate Developer, Problem Solver, Steadfast

Experience

Cisco Systems India   *Bangalore*
SOFTWARE ENGINEER III   *January 2019 - Present*
SOFTWARE ENGINEER II   *June 2016 - December 2018*
- Worked with Unified Communications Technology Group on UCCE - Cisco's Enterprise Contact Centre solution providing Intelligent Call Routing, Call Treatment, Agent Management and Reporting. Worked primarily with Python, Java and C++.
- Worked on a wide spectrum of features ranging from core routing, outbound calling, on-premise containerization, scaling and UI.
- Consistently a high performer. Had an Individual Performance Factor(IPF) of 1.9x, 1.8x (Base: 1x).

MathWorks India   *Bangalore*
ENGINEERING DEVELOPEMENT GROUP - INTERN   *January 2016 - June 2016*
- Worked with the Simulink team on modularization of the Simulink Mask Editor for a feature in MATLAB R2016b.
- Was offered a full-time position in two separate teams within MathWorks

BITS Pilani, Goa Campus   *Goa*
POSTGRADUATE RESEARCH STUDENT   *January 2015 - December 2015*
- Studied and worked on development of MAC / Routing Protocols for Mobile Wireless Sensor Networks.
- Research paper titled "Area Based Routing Protocol for Mobile Wireless Sensor Networks" based on this work got published in ICOIN '18, Thailand.

Education

Birla Institute of Technology and Science, Pilani (Goa Campus)
M.E., COMPUTER SCIENCE
CGPA: 7.94   *August 2014 - June 2016*

Jodhpur Institute of Engineering and Technology
B.TECH., COMPUTER SCIENCE
AGGREGATE PERCENTAGE: 66.66%   *September 2010 - June 2014*

Skills

Programming Languages
PYTHON (GOOD), JAVA | C++ (INTERMEDIATE), C# (BASIC), NODEJS | REACT (ELEMENTARY), SQL

IDEs / Tools / Frameworks
MICROSOFT VISUAL STUDIO, PYCHARM, INTELLIJ IDEA, JENKINS, SPRING, HIBERNATE, MAVEN, GIT | GITHUB, DOCKER, UNITY, MATLAB, SIMULINK, MYSQL, CASTALIA, OMNET++, AWS, NGINX

Domains
COMPETITIVE CODING, DEVELOPMENT, CLOUD, SCRIPTING, CHATBOTS, SCALE, SYSTEM ARCHITECTURE, AUTOMATION, AGILE, PROCESS IMPROVEMENT

Honors, Awards & Publications

2018   **Publication**, Research Paper titled 'Area Based Routing Protocol for Mobile Wireless Sensor Networks' presented in the The 32nd International Conference on Information Networking (ICOIN). January 2018)   *BITS*

2017   **Winner**, Cisco Hackathon - Developed Cisco WebEx Bots for Github Reviews, Build Monitoring, Defect Tracking and Analysis   *Cisco*

Extra-Curricular Activities

- Volunteered as part of registration committee for organizing the Annual ACM India event hosted by BITS Pilani, Goa Campus. (2015)
- 'Author' on dreamincode.net, one of the most notable programming resource and help community (Before StackOverflow came into picture). Badge awarded for writing tutorials and code snippets. (2009)

Hobbies

Game Development, PC Hardware Enthusiast, Flight Simulators, Photography, Table Tennis