

VINAY KUMAR PANDEY

Senior Software Engineer | Proud Geek

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EXPERIENCE

8+ Years of Software Development experience working as Java developer along with Data Structure & Algorithms, Spring, Database, Cloud & Server side technology

Infogix

Senior Software Engineer

November 2019 – Present Bangalore

- Design, development, coding of complex Platform based software solutions & implementing them using various Data structure & Algorithm.
- Technological upgrade and migration - Implementation of CI/CD build and release pipeline in Azure DevOps and AWS based infrastructure automation for autotest execution
- Experience in working with server side technologies for configuration, coding and debugging in Wildfly, IBM Websphere, IBM Websphere Liberty
- Skills:- Java, Data Structure & Algorithm, Hibernate, Database, AWS, Azure DevOps, Ansible Script- Terraform, YAML; Jenkins, Gradle/Maven/Ant, Websphere, IBM Websphere Liberty

Start Up Venture

WatrHub Solutions App

February 2017 – September 2019 Bangalore

- As part of this startup venture we Developed Android based applications - DonorFind app & WatrHub Solutions app with a Team that consist of four members
- Skills:- Spring, Java, Data Structure & Algorithms, SqlServer

Senior Software Engineer

Capgemini

November 2015 – January 2017 Bangalore

- Design, Document, and Coded various modules - like IPM Handler, Custom Component , and Utilization data load
- Actively involved in peer review process and code enhancement
- Skills:- Spring, Java, Data Structure & Algorithms , SQLServer

Senior Software Engineer

Alten Calsoft Labs

May 2015 – November 2015 Bangalore

- Developed various security modules in Defense Pro device developed by an Organization Radware – AppSec, SynProtection, SNMP Reporting
- Customized the framework to provide fully automated solution
- Skills:- Java, Data Structure & Algorithms, JSystem, JScript, Selenium

FUTURE

"Building a better tomorrow, using technologies of today."

MOST PROUD OF



Application development on Android

Developed WatrHub solutions to solve the water delivery problem of metros



Award at Honeywell

Awarded for filing a patent idea in Honeywell World wide invention disclosure (WIDS) entry



Mentor at HCL Algorithm Learning Academy

Scored #1 in HCL algorithm implementation certification and started mentoring a group

STRENGTHS

Operating Systems - Windows, MacOS, Linux

Languages - C, Java, Python

Frameworks - Spring, JSystem

Java/J2EE Data Structure Algorithms

Spring MySQL, OracleSql Spring Boot

MicroServices AWS, AzureDevOps

EDUCATION

M.S in Embedded System

Manipal Institute of Technology

July 2010 – June 2012

Thesis title: Cross Layer Beam forming in wi-fi devices -Filed patent idea (WIDS)

B.Tech in Electronics and Communication Engineering

Dr. A.P.J Abdul Kalam University

Aug 2007 – June 2010

Diploma in Electronics Engineering

Board of Technical Education, Lucknow

Aug 2004 – June 2007

EXP'CONTINUED

Member Technical Staff

HCL Technology

📅 September 2013 – May 2015 📍 Bangalore

- Developed modules for CISCO WAAS devices – Mapi Settings, TCP/IP Settings
 - Proposed and implemented solution for Application layer traffic optimization - Verified the developed solution & evaluated the benefits over conventional algorithm
 - Skills:- Java, Data Structure & Algorithms, Network Communication
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Software Engineer

NeST Software

📅 January 2013 – September 2013 📍 Trivendrum

- Involved in development of various modules– MMRP-Plus, Proxy-Arp, Flooding Restriction for Apresia Switch device
 - Code coverage enhancement of PoE(Power over Ethernet) module
 - Skills:- Skills:- C, Java, Data Structure & Algorithms, CoCo
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Project Trainee

Honeywell Technology Solution

📅 July 2011 – April 2012 📍 Bangalore

- Cross Layer Beamforming in wi-fi devices
 - Developed and coded best channel selection algorithm in Multi Input Multi Output device
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PROJECTS

Capgemini

GE Healthcare Data Management - Funded by GE-Healthcare

- Project Detail - In this project, we are getting the Hospital's resource utilization data (Hospital assets uses details per day). We are getting the data from local database and pushing it to cloud using various techniques so that it would be accessible to all the Hospitals. This would enable the hospitals to take rational decision regarding resource modernization
 - Technology Used - Java/J2EE, Data Structure & Algorithm, Database, Spring, Linux
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Alten Calsoft Labs

Mitigation of network vulnerability from potential network threats- Funded by Radware

- Project Detail - DefensePro — a real-time, behavioral based attack mitigation device that protects your infrastructure against network and application downtime, application vulnerability exploitation, malware spread, network anomalies, information theft and other emerging cyber-attacks.
 - Technology Used - Java/J2EE, Data Structure & Algorithm, JSystem, Security & Networking Protocol, TCP/IP, Linux
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PROJECTS'CONTINUED

NeST Software

Module Development on Enterprise Switch with POE -Funded by Apresia

- Project Detail - Apresia Switch by Hitachi cable – Multilayer Device for routing and efficient handling of data at each router
 - Technology Used -C, Embedded C, Core Java, Data Structure & Algorithm, Networking Protocol, Linux
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HCL Technology

Optimization Module Development on Cisco WaaS Device -Funded by Cisco

- Project Detail - Cisco WAAS is a software- and hardware-integrated, cloud-ready WAN optimization using algorithm and application acceleration solution. For a proper and easy management of optimization devices along with the routers there is a GUI based central manager to handle the different optimization techniques.
 - Technology Used - Java/J2EE, Data Structure & Algorithm, Selenium, Networking Protocol, Linux
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Watrhuh Solutions

Android Application Development - Free-lancing Project

- Project Detail - Started Watrhuh solutions to solve the water delivery problem of metros. Watrhuh provides on-demand water can (20L) orders using android app. We build app for both vendors and users. Vendors can easily extend their business by login to Watrhuh Partner app and user can order water can hassle free.
 - Technology Used - Core Java, Data Structure & Algorithm, MySQL, Spring, Web Services (Rest), Spring Boot
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EXTRA CURRICULARS

- Certification of Appreciation from Manipal Institute of Technology for presenting a paper in National Technical Conference
 - Participated and got second prize in wired level 0(an intercollegiate technical circuit implementation competition) during the technical fest in college
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