

# VINAY KUMAR PANDEY

## Technical Lead; Creating Scalable System

@vinaypandey.mit12@gmail.com 803, G. K Meadows Electronic City - 560100  
8920970051 vinaykumarpandey vinayniku vinaykumarpandey

Bangalore, KA



## EXPERIENCE

Experienced software developer with 10+ years of hands-on industry exposure. Proficient in delivering high quality, scalable solutions and adept at leveraging cutting-edge technologies to drive innovation and efficiency in software development projects.

### Senior Technology Lead

#### Tracxn

March 2023 – July 2023 Bangalore, KA

- Led the design and development of the Validation Service, an autonomous micro-service architecture within the Data team. Leveraging Groovy and Spring Boot, this initiative significantly enhanced our team's scalability and ease of maintenance.
- Resolved performance issues, leading to a 30% latency improvement, capable of accommodating a 30% increase in user traffic.
- Mentored developers, conducted code reviews, and provided guidance, resulting in a 20% boost in the team's coding standards.
- Enhanced search capacity by threefold with ElasticSearch and incorporated Kafka into an event-driven architecture, streamlining upgrades and migrations.
- Tech Stack Used: Java, DSA, Spring Boot, Micro-service, Docker & Kubernetes, AWS, Prometheus & Grafana, Terraform, yaml script, Sonarqube, Sumologic(logging)

### Health & Career Development Break

#### Mentor & Instructor at E-Maxo

Oct 2023 – Present Bangalore, KA

- During this period, I led a team of junior developers in building a full-scale production level E-commerce app with Spring Boot, Java, and Microservices.
- The application encompassed creating REST APIs, implementing a global exception handler, integrating database inheritance, establishing table cardinalities, and conducting unit and integration tests using JUnit and Mockito for code coverage. It also incorporated technologies like JWT authentication, Redis cache, Elastic search, Kafka, Paging Sorting, Notification, Reporting, Service Discovery and API Gateway, and a custom OAuth server for third-party authentication, followed by Dockerization and cloud deployment.

### Senior Softwar Engineer-II

#### Infogix-Precisely

Nov 2019 – Sep 2022 Bangalore, KA

- Led development of SAAS platform from scratch linking on-premise and cloud services using Java, Spring Boot, Micro-services.
- Identified performance decline in multi-pod Kubernetes due to AWS storage data flushing glitch. Resolved by redesigning storage to No-SQL DB.
- Responsible for maintaining and managing a legacy product known as the Platform for Enhancement and Development.

## MOST PROUD OF



#### Courage I had

To embrace uncertainty and forge ahead



#### Idea and Innovation

As part of my Master's project I filed a patent idea in Honeywell WIDS Entry forum



#### Precisely's Growth

Transformed a SAAS product concept into a fully-fledged, launched application reality

## STRENGTHS & SKILLS

Motivator & Leader

Persuasive

Problem Solver

Product Development

Product Management

Analytical

Java, Python

Spring Boot & Micro-services

Postgres

MongoDb

Redis

Docker

Gitlab

Kubernetes

AWS

Azure DevOps

MySQL

Kafka

ElasticSearch

Prometheus

Grafana

Jenkin

Terraform

Yaml Script

Sonarqube

Sumologic

Linux

Blackduck

Spring Data JPA

JWT

O-Auth

HTML

CSS

ReactJs

Data Struture & Algorithm

Maven

Gradle

Junit

Websphere

## EDUCATION

### M.S. in Embedded System

#### Manipal Institute of Technology

Jul 2010 – June 2012

### 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

- Implemented CI/CD pipeline in Azure DevOps and AWS infrastructure, automating application deployment tasks and managing regression tests. Transition to Azure and AWS improved build/release processes.
- Tech Stack used: Java, DSA, Spring boot, Microservices, GitLab CI/CD, Hibernate, Database, AWS, Azure DevOps, Ansible Script, Jenkins, Gradle/Maven/Ant, Websphere, Wildfly

---

## Start Up Venture

### WatrHub Solutions App

📅 Feb 2017 – Oct 2019      📍 Bangalore, KA

- Within this startup endeavor, we crafted Android applications, namely DonorFind and WatrHub Solutions, alongside a four-member team
- Tech Stack Used: Spring, Java, Data Structure & Algorithms, SQLServer

---

## Senior Software Engineer

### Capgemini

📅 Nov 2015 – Jan 2017      📍 Bangalore, KA

- Design, Document, and Coded modules - IPM Handler, Custom Component, and Utilization data load
- Tech Stack Used: Spring, Java, DSA, SQLServer

---

## Senior Software Engineer

### Alten Calsoft Labs

📅 May 2015 – Nov 2015      📍 Bangalore, KA

- Developed security modules in Defense Pro device Radware – AppSec, SynProtection, SNMP Reporting
- Tech Stack Used: Java, Data Structure & Algorithm, Design Pattern

---

## Member Technical Staff

### HCL Technology

📅 Sep 2013 – May 2015      📍 Chennai, TN

- Developed modules for CISCOWAAS devices – Mapi Settings, TCP/IP Settings
- Proposed and implemented solution for Application layer traffic optimization
- Tech Stack Used: Java, Data Structure & Algorithms, Network Communication

---

## Software Engineer

### NeST Software

📅 Jan 2013 – Sep 2013      📍 Trivendrum, KL

- Involved in development of modules– MMRP-Plus, Proxy-Arp, Flooding Restriction for Apresia Switch device
- Tech Stack Used: C, Java, Data Structure & Algorithms, CoCo

---

## Project Trainee

### Honeywell Technology Solution

📅 Jul 2011 – Apr 2012      📍 Bangalore, KN

- Cross Layer Beamforming in wifi devices
  - Tech Stack Used: C, Matlab, NS-2 Coding, Networking
- 

## REFEREES

---

### Prof. Harish Hebbar

@ Manipal University

✉ harish.hebbar@manipal.edu

---

### VP Engineering. Andy Kelly

@ Infogix

✉ andy.kelly@precisely.com