

# Neelendu Kumar

Software Engineer

Born 1989 in Madhubani, Bihar

## About me

B.E. from computer science and Skilled IT professional with over 5+ years of industry experience in development of SaaS based products in B2B space with expertise in Python(Django/Flask), DOT NET(C#/WCF) and Javascript(NodeJS). I am having a good exposure of understanding the business requirements and converting them to scalable software architectures.

Good Algorithmic knowledge, strong mathematical background allows for designing/quickly understanding new algorithms.

## Programming Skills

Python 2.7,3.6	Django	Flask
JavaScript	C	C#
WCF		
Node.js	Angular.js	Vue.js
MySQL	Redis	RabbitMQ
MongoDB	nginx	Gunicorn
Data Science	AWS	
AWS Lambda	Git	svn
linux		

## Contact

4th B Cross, Btm 2nd Stage

Bangalore

neelendu\_kumar@outlook.com

9739 674 705

neelendu

## Professional Summary

5+ years of industry Experience in analysis, design and development of backend, web-based n-tier application and Windows Applications using Python, C# and java script.

Having Hands-On Experience in Database Programming Skills Like Writing Stored Procedures in MySQL

Well acquainted with the Software Development Life Cycle. Involved in Impact Design and Estimation of the new changes to be developed.

Experience with video or screen sharing, bandwidth estimation and congestion control.

Experience with NAT and firewall traversal technologies (STUN, ICE, and TURN) also having good exposure with RTP/RTCP protocols.

Extensive experience in Agile Methodologies and principles.

Worked with the team to investigate design approaches, prototype new technology, and evaluate technical feasibility.

Passioned in Problem Solving, Data structures, and Algorithms and optimizing algorithms - Dynamic Programming, DFS/BFS etc along with Machine Learning algorithms.

Having good exposure of Data science and Machine learning tools like Pandas, NumPy, SK Learn and Tensor Flow.

Having Hands on Experience in Implementation of Priority Queue using Celery and NSQ.

Experienced in configuring and deploying applications on IIS 8, Gunicorn, Nginx, Tornado.

Knowledge of Coding Standards, version management (Git/Bit bucket or similar), Build Process, Packaging, DevOps and CI/CD.

## Experience

### Senior Technical Lead

HirePro Consulting Pvt Ltd

since April 2019

Programming and watching cute cat videos.

### Technical Lead

HirePro Consulting Pvt Ltd

April 2017 - March 2019

Fulfillment of extremely important tasks.

### Senior Software Engineer

HirePro Consulting Pvt Ltd

April 2015 - March 2017

Making coffee and baking cookies.

### Software Engineer

HirePro Consulting Pvt Ltd

May 2014 - March 2015

Making coffee and baking cookies.

## Education

Bachelor of Engineering

September 2008 - June 2012

B.E in Computer Science from OIMT, Damoh, affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal.

Intermediate (+2)

June 2004 - June 2007

From Bihar Intermediate Education Council (BIEC), Patna

SSC (10th)

June 2003 - June 2004

From Bihar School Examination Board (BSEB), Patna

## <> Projects

### Assessment 2.0

Python, Django, MySql 5.7, redis, rabbitmq, Aws Lambda, Celery

HirePro-Assessment controls the complete assessment management process re-written in Django Framework. It is a SAAS based product with Multi-tenancy architecture built on Python, Django, Node.js.

#### Responsibilities

Involved writing Rest based API using Django and python

Involved designing and development of multiple assessment analysis reports like Transcript, Leader board etc.

Involved database design and architecture.

Done asynchronous programming to achieve the scalability and performance.

Responsible for Unit & System Testing

Involved QA Automation process

Designed Database structure and its implementation.

Deployment and configuration of the application on IIS 8 and nginx

### Coding Server

Python, Flask, Celery, Golang

HirePro-Coding server is an online tool to compile and execute various programming languages. It also generates different kinds of report like Cyclomatic-complexity, efficiency using handlebar and Node.js

#### Responsibilities

Involved writing Rest based micro-services using Flask and python

Involved designing the backend architecture of the server.

Involved in Maintenance and new feature implementation

Done asynchronous programming to achieve the scalability and performance.

Integrated Celery to achieve queuing the request.

### Video Conference App

Python, Django, JavaScript, Node.js, WebRTC, ffmpeg

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#### Responsibilities

Involved the design and architecture of video conferencing app.

Managed three member's team.

Involved in Maintenance and new feature implementation

### CRPO

Python, Django, MySql 5.7, redis, rabbitmq, Aws Lambda, Celery

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### Mbrace

Python, Django, MySql 5.7, redis, rabbitmq, Aws Lambda, Celery

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### AMS 1.0

WCF, C#, DotNet 4.0, IIS, MySQL 5.5

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### Assessment 1.0

WCF, C#, DotNet 4.0, IIS, MySQL 5.5

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### Camaleone

WCF, C#, DotNet 4.0, IIS, MySQL 5.5

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