

Pintu Kumar Yadav

SOFTWARE DEVELOPMENT ENGINEER

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Summary

A motivated software developer with experience in multiple programming languages and methodologies, excelling in collaborative projects and possessing strong problem-solving skills, seeking new opportunities for skill development and contributing to organizational success.

Skills and Interests

- **Programming Languages** : Java , GoLang, Python , C++, C, NodeJs
- **Cloud/Databases** : AWS, MySQL, MongoDB, PostgreSQL
- **Frameworks**: Spring Boot, Gin-Gonic
- **Developer Tools**: Git, Docker, Kubernetes, SumoLogic, New-Relic
- **Areas of Interest**: Data Structure and Algorithm, Machine Learning, Deep Learning

Work Experience

ZestMoney

Bangalore, India

SOFTWARE DEVELOPMENT ENGINEER I

June 2022 - Present

- Streamlined the **customer onboarding** process and improved **backend APIs**, resulting in an **80%** improvement in **response times** and **SLAs**.
- Developed an **automated script** to mask and migrate Aadhar data to **MongoDB**, streamlining the process and ensuring data security for over **1.6 million Aadhar records**.
- Successfully upgraded our system to **Java 17** and **Spring Boot 3**, resulting in a **40%** reduction in **API latency** and significantly improving performance and the user experience.
- Implemented the migration of sensitive information to **AWS Secrets Manager** for Java and Go Services and utilization of **messaging services** to support **decoupling applications** and **event-driven architectures**.
- Ensured application reliability and functionality through **bug identification** and **resolution**, **hot-fix deployment**, and **backend service monitoring**, including implementing **graceful shutdown** for **Golang** services.
- **Tech Stack**: Java, GoLang, Springboot, GinGonic, SNS, SQS, Postgres, MySQL

Projects

Online Trace Analysis of Network Traffic

IIT (BHU), Varanasi

WEB-BASED NETWORK ANALYZER

May. 2020 - July. 2020

- Developed a **web-based network analysis application** using **Node.js** and **Tshark**.
- The application offers functionalities similar to those of desktop tools like **Wireshark** and **CloudShark**, enabling users to view network capture files in their web browser.
- Gained experience with popular network analysis tools and web development technologies like **Tshark**, **Wireshark**, **Angular**, and **Node.js**.

Chat List

IIT (BHU), Varanasi

WEB CHAT LIST WITH LRU CACHE

Aug. 2019 - Nov. 2019

- Designed and developed a **chat list** for a chat application that **inserts new and existing chat messages** at the top of the list.
- Implemented a **Least Recently Used (LRU) cache** using a Linked List and HashMap to ensure constant-time operation.
- **Exposure** - Data Structures, HTML, CSS, JavaScript, LRU caching scheme

Academics

Indian Institute of Technology (BHU), Varanasi

Varanasi, India

BACHELOR OF TECHNOLOGY (B.TECH)

July, 2018 - June, 2022

- Cumulative Performance Index, CPI: **8.70/10.00**

Accomplishments

- **JEE(Advanced)**: Secured All India Category Rank 3906 out of 2,31,024 candidates.
- **Inter IIT Tech Meet 8.0**: Secured 5th position in Inter IIT Tech Meet 8.0 representing D.R.D.O SASE'S UAV Fleet(IIT-BHU)
- **Boeing Aeromodelling**: Secured third position in **IIT National Aeromodelling Competition** at IIT Bombay.
- **HackerRank**: Won Gold Badges with a 5-star rating for Problem-solving(DS and Algo) and CPP language.

Positions of Responsibility

- **DroneTech**: Event Executive of Technex'20, the techno-management festival of IIT(BHU) Varanasi.
- **AirShow**: Co-coordinator of Technex'20, the annual techno-management fest of IIT(BHU) Varanasi.
- **Aeromodelling Club**: Main lead of the Aero and Drones project at the club, responsible for overseeing and managing its development and implementation.