

# Pintu Kumar

## Software Engineer

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### PROFESSIONAL SUMMARY

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Software Engineer with 3+ years of experience in designing and optimizing scalable backend systems using Java, Spring Boot, and RESTful APIs. Experienced in business logic development, server optimization, task automation, and secure API integrations, with a strong focus on performance, reliability, and maintainability.

### SKILLS

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**Frontend Technologies:** HTML, CSS, JavaScript

**Backend & Languages:** Java, REST APIs, Object-Oriented Programming

**Databases & Caching:** MySQL, SQL, RDBMS, MongoDB, Redis, Data Modeling

**DevOps & Systems:** Docker, Linux, Git, Bitbucket, Server Optimization, Automation

**Frameworks & Technologies:** Spring Boot, Spring Security, Hibernate, Web Services, JWT

**Testing & Tools:** Postman, API Testing, Integration Testing

### PROFESSIONAL EXPERIENCE

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**Avarna Technology LLP**, Software Engineer

May 2023 – Dec 2025 | Remote, India

- Implemented and optimized scalable backend business logic using Java and Spring Boot, supporting high-throughput workflows while improving system performance, reliability, and maintainability.
- Managed and optimized Linux-based servers and cloud infrastructure, ensuring high availability, fault tolerance, and proactive issue resolution through server-side tuning.
- Automated operational tasks and backend workflows, reducing manual effort and improving deployment efficiency and system productivity.
- Developed secure RESTful APIs with JWT-based authentication, RBAC, and Redis caching, enabling fast, reliable, and secure inter-service communication.

### PROJECTS

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**Masai Learn** [🔗](#)

- Built RESTful backend APIs using Java, Spring Boot, and Hibernate to manage tutorials, modules, and topics, improving scalability and platform extensibility.
- Implemented JWT-based authentication and role-based access control to secure user access and protect application data.
- Designed MySQL relational schemas supporting prerequisites, progress tracking, and certificate generation; validated APIs using Postman integration testing.

**Bus Reservation System** [🔗](#)

- Built a RESTful Bus Reservation System API using Java, Spring Boot, JPA, Hibernate, and MySQL, supporting authentication, bus search, and bookings.
- Implemented role-based backend modules for Admin and Users to manage buses, routes, feedback and reservations efficiently.
- Developed scalable and maintainable services with CRUD APIs and session validation.

### EDUCATION

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**Masai School**, Full Stack Web Development

Mar 2022 – Mar 2023 | Bengaluru, India

**Higher Secondary Education (CBSE)**, RSBV No.2

Apr 2019 – May 2021 | New Delhi, India