

Pappu Kumar

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Portfolio: <https://portfolio-frontend-cyan-gamma.vercel.app/>
LinkedIn: <https://www.linkedin.com/in/p-kr9/>
GitHub: <https://github.com/pkr-9>

Education

Master of Computer Application (MCA)

CGPA: 8.2

Bharati Vidyapeeth University, Pune

2023–2025

Bachelor of Computer Application (BCA)

Percentage: 74 %

MMHAPU, Patna

2019–2022

Professional Experience

FullStack –Software Developer Intern | Ashwamedh Motors Pvt. Ltd.

December 2024 – April 2025

- Automated tender data ingestion pipeline with Python and REST APIs.
- Built secure role-based access control (RBAC) system with hierarchical role enforcement (Super Admin, Admin, Sub-Admin) using Node.js and Express.js.
- Practiced secure coding principles, optimized SQL queries, and applied unit testing using JUnit.
- Participated in Agile sprints and collaborated with QA, and product stakeholders.

Skills Learnt: RBAC, Python scripting, REST APIs, Team collaboration, Git, etc.

Projects

➤ Personal Finance Tracker [GitHub Repo](#) [Live](#)

Full-Stack Web App / React / Spring Boot / PostgreSQL / Docker

- Built SPA using React (TypeScript, Redux Toolkit, Recharts) with feature-based routing and state management.
- Developed REST APIs in Spring Boot with layered architecture, JWT-based auth.
- Modeled schema in PostgreSQL with entity relationships for users, transactions, budgets, and expenses.
- Containerized with Docker, deployed backend on Render and frontend on Vercel.
- Enforced authentication with Spring Security, BCrypt password hashing, and secure CORS policies.

➤ BookNest - Online Book Market Place [GitHub Repo](#) [Live](#)

E-commerce Platform / React.js / Node.js / MongoDB / Razorpay

- Built responsive UI in React.js with Redux, Axios, React Router, and Toastify.
- Developed RESTful APIs using Node.js, Express.js, JWT for auth, and Mongoose for data modeling.
- Configured environment with .env, and Express middleware for maintainable deployments.
- Implemented password hashing with bcrypt, token-based auth (JWT), and protected routes with middleware.
- Designed test cases for modules with validations, email flow, and responsive UI checks.

➤ Portfolio [GitHub Repo](#) [Live](#)

React (Vite) / SCSS / React Bootstrap / Framer Motion / React Router

- Built with a modular, component-based architecture for scalability and maintainability.
- Integrated React Context API for state management.
- Separated static content into JSON files to support future integration of an admin panel with minimal frontend changes.

Skills

Languages: Java (Core), JavaScript, HTML, CSS

Databases: MySQL, MongoDB

Frameworks: Spring Boot, MERN Stack, Bootstrap

Tools: Git, IntelliJ IDEA, Docker(Basic)

APIs: JPA, RESTful API

Additional: MVC, DSA, Manual Testing, Agile

Certifications

➤ Oracle Cloud Infrastructure (OCI) Certified Foundations Associate | Oracle [↗](#)

➤ Cloud Computing | NPTEL [↗](#)

➤ Python 101 for Data Science | Cognitive Class (IBM) [↗](#)