

# Pappu Kumar

Bharati Vidyapeeth University, Pune  
[pappukumarme9999@gmail.com](mailto:pappukumarme9999@gmail.com)  
+91 9504860538

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

**Frameworks:** Spring Boot, MERN Stack, Bootstrap

**APIs:** JPA, RESTful API

**Databases:** MySQL, MongoDB

**Tools:** Git, IntelliJ IDEA, Docker(Basic)

**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) [🔗](#)