

# PIYUSH KESHARI

+91-85439-10622    piyushkeshari24@gmail.com    LinkedIn    GitHub    Portfolio    Bengaluru, KA

## Professional Summary

Full-Stack Software Developer with 3+ years of experience building scalable web applications using JavaScript, TypeScript, React.js, Node.js, and cloud technologies. Expertise in RESTful APIs, microservices architecture, database design, authentication systems and Test-Driven Development.

## Core Competencies

**Programming Languages:** JavaScript ES6+, TypeScript, Java  
**Frontend Technologies:** React.js, Next.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Material UI, Responsive Design  
**Backend Technologies:** Node.js, Express.js, Java SpringBoot, RESTful APIs, Microservices, MVC Architecture  
**Database Technologies:** MongoDB, MySQL, Redis, DynamoDB, Neo4j, Elasticsearch  
**Cloud and DevOps:** Amazon Web Services AWS, Docker, CI/CD Pipelines, GitHub Actions, Linux, Cloudflare, k9s  
**Testing and Quality:** Test-Driven Development TDD, Mocha, Chai.js, Unit Testing, Code Reviews  
**Security and Authentication:** JWT, OAuth 2.0, Helmet.js, OTP Verification, API Security  
**Development Tools:** VS Code, Postman, Sentry, JIRA, Agile, Scrum, Chrome DevTools, Figma, Kibana, ESLint, Prettier, AI and GenAI

## Professional Experience

### Software Development Engineer I

February 2024 – Present

*Incred Finance — Loan Approval Platform*

*Bengaluru, India*

- Led cross-functional development team of 5 engineers, implementing agile methodologies and improving sprint velocity by 30 percent through effective task coordination and project management
- Engineered enterprise customer consent management system with JWT-secured verification links via email and SMS, achieving 99.7 percent delivery rate and 22 percent conversion rate increase
- Developed complete consent approval workflow using Model-View-Controller MVC architecture with EJS templates, delivering responsive web design while eliminating frontend framework dependencies
- Integrated 5+ microservices including Java SpringBoot applications, establishing robust API contracts and maintaining 99.95 percent system uptime through effective service orchestration
- Implemented comprehensive code quality infrastructure with ESLint, Prettier, Commitlint, and Husky pre-commit hooks, significantly reducing code review cycles and improving development efficiency

### Software Development Engineer I

December 2023 – February 2024

*Sevenloop Technology — ERP Solutions*

*Bengaluru, India*

- Delivered dynamic form builder application enabling non-technical business teams to create custom user onboarding workflows, eliminating developer dependencies and reducing time-to-market
- Resolved 20+ critical production bugs within 8 weeks, achieving 40 percent reduction in user-reported issues through systematic debugging and root cause analysis

### Software Development Engineer I

March 2022 – December 2023

*Springworks — AI-Powered Tool*

*Remote*

- Architected robust file parsing system with multi-format validation and password protection capabilities, reducing backend processing load by 20 percent and optimizing Amazon S3 storage costs
- Achieved 80 percent automated test coverage using Mocha, Chai.js, and Sinon testing frameworks, resulting in 30 percent reduction in production incidents and improved software reliability
- Maintained 99.9 percent system uptime as designated on-call engineer through proactive monitoring, incident resolution, and implementation of preventive measures

## Featured Projects

### Full-Stack E-Commerce and ERP Solution — [newrajshreesweets.com](https://newrajshreesweets.com) — Freelance

January 2024 – Present

- Built comprehensive business management solution with microservices architecture supporting concurrent users and real-time inventory management for retail operations
- Implemented JWT authentication and SMS-based OTP verification system, maintaining 99 percent authentication success rate and ensuring secure user access
- Optimized database performance with MySQL schema design and Redis caching implementation, achieving 60 percent improvement in query response times and enhanced user experience
- Integrated multiple payment gateways and Point-of-Sale POS systems with 95 percent transaction success rate, processing 500+ daily financial transactions
- Developed comprehensive Customer Relationship Management CRM dashboard for order tracking, inventory management, and business analytics, reducing manual administrative tasks by 80 percent

## Education

---

**Bachelor of Technology in Computer Science with Honors**

**2019 – 2023**

*GLA University, Mathura, India — CGPA: 8.23/10.0*

## Professional Development

---

**Technical Expertise:** Solved 500+ Data Structures and Algorithms problems on LeetCode platform with active programming contest participation

**Industry Certification:** MERN Stack and CI/CD Development Certification from GeeksForGeeks 2024