

PIYUSH KESHARI

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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
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: Visual Studio Code, Postman, Sentry, JIRA, Agile, Scrum, Chrome DevTools, Figma, Kibana, ESLint, Prettier

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

Sevenloo 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 — 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