

Piyush Keshari

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Portfolio

LinkedIn

GitHub

Varanasi, UP

Summary — Full-Stack Developer with 2.5+ years of experience building web applications with React.js and Node.js. Proficient in RESTful APIs, SQL/NoSQL databases, authentication, authorization, and maintaining clean code practices. Strong background in DevOps, test-driven development, and implementing API security best practices.

Technical Skills

Languages JavaScript (ES6+), TypeScript, Java, OOP
Frontend React.js, Figma, Redux, HTML5, CSS3, Material UI, Responsive Design
Backend Node.js, Express.js, REST APIs, Microservices
Databases MongoDB, MySQL, Redis, Query Optimization
Testing Mocha, Chai.js, TDD, Unit Testing
DevOps Docker, AWS (EC2, S3, Lambda, Cloudwatch),

Git, GitHub, Linux, Cloudflare, CDN, Nginx
Tools VS-Code, Postman, Sentry, JIRA, Chrome Devtools
Security JWT, OAuth 2.0, Input Validation
Additional Markdown, RegEx, SEO, YAML, JSON, Code Reviews, Payment Gateway, Application Security

Soft Skills

Languages English (Professional Working Proficiency), Hindi (Native)
Additional Team Collaboration, Problem-Solving, Agile Methodologies, Requirements Gathering, Cross-functional Coordination, Async Communication

Professional Experience

Software Development Engineer 1

March 2022 – Present

Springworks

Remote

Albus (AI-powered Integration Platform) (Tech Stack: Node.js, React.js, AWS, Express.js, Mocha, Chai.js, MongoDB, Redis)

- Collaborated with a team of 15 developers to build and maintain scalable back-end and front-end microservices
- Created file parsers to validate content and enforce password protection across multiple formats, decreasing back-end load by 20% and optimizing S3 storage costs
- Achieved 80% test coverage with Mocha, Chai.js, and Sinon, minimizing production bugs by 30%
- Conducted in-depth code reviews to ensure adherence to best practices, proactively catching edge cases and enhancing system reliability

Burst (E-commerce Platform) (Tech Stack: Node.js, React.js, Express.js, AWS, Sentry, Redis, MySQL, REST APIs, PHP, Elasticsearch)

- Developed scalable REST APIs to support 20K+ daily users, enabling profile management and CRM functionalities
- Optimized database queries and integrated Redis caching, reducing average API response time from 500ms to 400ms
- Led the migration from a legacy PHP codebase to Node.js microservices, cutting latency by 45%
- Planned and deployed promotional deals for seasonal campaigns, driving a 25% revenue increase
- Resolved over 100 critical bugs, significantly boosting system stability and user experience

Technical Projects

Freelance Web Developer

Jan 2024 – Present

New Rajshree Sweets

Varanasi

E-Commerce and CRM Solution (Tech Stack: Node.js, React.js, Express.js, Redis, MySQL, REST APIs, GitHub Actions, Cloudflare)

- Designed and built a full-stack application with a microservices architecture, supporting 200+ concurrent users
- Implemented secure JWT authentication and phone number-based OTP verification, achieving a 99% success rate
- Optimized MySQL schema and integrated Redis caching, boosting query response times by 60%
- Integrated third-party payment gateways and POS systems, maintaining a 95% transaction success rate
- Deployed a containerized solution using Docker with an automated CI/CD pipeline through GitHub Actions
- Developed an order tracking, inventory and customer management CRM system, slashing manual efforts for admin by 80%

Education

B.Tech Computer Science (Honors)

2019 – 2023

GLA University, Mathura

CPI: 8.23

Intermediate (CBSE)

2017 – 2018

Sant Atulanand Convent School, Varanasi

Percentage: 83

High School (ICSE)

2015 – 2016

St Joseph's Convent School, Varanasi

Percentage: 78.5

Certifications & Achievements

- Solved 650+ DSA questions and participated in many contests on LeetCode
- MERN Stack and CI/CD Development Certification (GeeksForGeeks, 2024)