

Rishi Tiwari

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Career Objective

Full-stack Software Development professional proficient in **JavaScript, HTML5, CSS3, React.js, Node.js, and API design**, with hands-on experience building **end-to-end, high-performance, testable web applications**. Passionate about writing clean, maintainable code, delivering reliable fintech solutions, and collaborating cross-functionally across product and design teams.

Education

Bachelor of Technology Computer Science and Engineering	2023–2027
Pranveer Singh Institute of Technology, Kanpur	CGPA: 8.70/10.00
Intermediate, S.R. Education Centre ICSE Board (2022)	90.25%
High School, S.R. Education Centre ICSE Board (2020)	90.40%

Technical Skills

Languages: JavaScript (ES6+), HTML5, CSS3, SQL, Java, C++, Python
Frontend: React.js, Responsive Design, Tailwind CSS, Bootstrap, Material-UI
State & Routing: React Hooks, Context API, React Router
Backend: Node.js, Express.js, RESTful API Design, JWT, OAuth, TOTP (2FA)
Databases: PostgreSQL, MongoDB, MySQL, Oracle
DevOps & Tools: Docker, Git, GitHub Actions, AWS (S3, EC2), Vercel
Testing: Jest, Unit Testing, Integration Testing, Component Testing
Concepts: OOP, SDLC, System Design, Data Structures & Algorithms, DBMS

Projects

PortalRupee – Secure Banking Platform | React.js, Node.js, Express, MongoDB, JWT, TOTP (2FA) Present
Full-stack banking platform with atomic transactions, TOTP 2FA, RBAC, and real-time transaction UI. [GitHub Repo](#)

- Built RESTful APIs for fund transfers with atomic operations, TOTP 2FA, JWT auth, and RBAC for auditability.
- Architected scalable backend with auto transaction logging and input validation for banking-grade reliability.
- Developed dashboard with real-time transaction UI, error boundaries, and test coverage on critical flows.

HealthVision – Digital Health Platform | React.js, Node.js, Express, WebRTC Nov 2025 – Mar 2026
Live-deployed health platform with WebRTC video consultations, appointment booking, and record management. [Live](#)

- Led end-to-end development of patient and doctor dashboards - architecture, coding, testing, and deployment.
- Integrated Razorpay payments and automated email flows with responsiveness across all user-facing surfaces.
- Built real-time video consultation and Cloudinary medical-record upload pipeline with robust error handling.

Authify – Secure Authentication API | Node.js, Express, PostgreSQL, JWT, bcrypt Jun 2025 – Sep 2025
Production-grade authentication API with multi-layer security, OWASP, and automated token cleanup. [GitHub Repo](#)

- Engineered secure auth API with JWT, bcrypt hashing, and input sanitization following OWASP guidelines.
- Implemented rate limiting, CORS protection, service-layer architecture for clean, testable, deployable modules.
- Automated token cleanup via scheduled jobs, minimizing resource overhead and ensuring system integrity.

Work Experience

Open Source Contribution – NPM Packages | [Profile-Link](#) Aug 2025 – Oct 2025

- Architected, tested, and published reusable Node.js packages (CPU & disk scheduling) with 87%+ Jest test coverage and full API documentation - demonstrating end-to-end ownership.
- Built a Node.js CLI tool automating file system operations and Git workflows.

Certifications & Achievements

- React, JavaScript, HTML5, CSS3, Twitter Bootstrap, SQL, MongoDB, Python(Basic) [Link](#)
- LeetCode Knight (Rating: 1940, Top 3.46%) · Solved 700+ problems across 40+ contests
- 1500+ GitHub contributions · Six stars in Problem Solving (HackerRank)
- AWS Build 10,000 AIdeas winner – [MaatriSahayak project](#)