Nityanshu Ranawat

📞 +91-7877640913 · ✉ ranawatnityanshu31@gmail.com · 📍 Vadodara, Gujarat, India

in LinkedIn · ⃝ GitHub · </> LeetCode · 🌐 Portfolio

Career Objective

Motivated Computer Science student with hands-on experience in full-stack web development using MERN stack, Python Flask, and mobile app development. Proven ability to build scalable applications with RESTful APIs, implement AI/ML solutions, and collaborate effectively in team environments. Demonstrated problem-solving skills through hackathon victories and comprehensive project portfolio.

Education

Parul University   **Vadodara, Gujarat**
Bachelor of Technology in Computer Science and Engineering | CGPA: 7.61   *Expected Graduation: 2026*

– Relevant Coursework: Data Structures and Algorithms, Web Development, Operating Systems, Database Management

Technical Skills

Programming Languages: JavaScript, Python, Java,
Frameworks & Libraries: React.js, Node.js, Express.js, Flask, Flutter, React Native, Tailwind Css
Databases: MongoDB, MySQL
Tools & Technologies: Git, RESTful APIs, JWT Authentication, Vite, Vercel
Development: Full-Stack Web Development, Mobile App Development, API Integration
Other: Data Structures and Algorithms, AI/ML Implementation, Agile Development

Projects

Relief Bridge: Emergency Coordination Platform   **2024 | Live Demo | Code**

– Developed full-stack emergency response platform using MERN stack, recognized as winner at Vadodara Hackathon 5.0
– Implemented JWT-based secure user authentication
– Collaborated with 6-member team to create scalable disaster response coordination system
– Technologies: React.js, Node.js, MongoDB, Express.js, Cloud deployment

Stock AI Predictor   **2025 | Live Demo | Code**

– Built stock and cryptocurrency prediction application using algorithmic forecasting models
– Integrated sliding window, greedy, and graph-based algorithms for market trend analysis
– Developed React + Vite frontend and backend with Python Flask
– Implemented real-time market data integration via Binance API for live trading insights

Link Shortener Web Application   **2025 | Code**

– Developed URL shortening service with custom short code generation algorithms
– Built responsive frontend using React + Vite and backend with Python Flask
– Implemented URL validation, redirection system, and copy-to-clipboard functionality
– Designed mobile-friendly interface with optimized performance

Far and Away Tourism Platform   **2023 | Live Demo | Code**

– Created web platform showcasing city landmarks and tourist attractions for visitors
– Developed using HTML5, CSS3, and JavaScript with focus on intuitive UI/UX design
– Implemented guided tour features and recommendation system
– Received positive user feedback for visual appeal and usability

Portfolio Website   **2023 | Live Demo | Code**

– Designed personal portfolio website showcasing projects, skills, and experience
– Implemented smooth animations, responsive design, and dynamic features
– Features include smooth scrolling navigation, project galleries, and contact form

Certifications

Computer Networks and Internet Protocol   **NPTEL - IIT Kharagpur**
Elite Certification - Score: 67/100   *2024*
– Comprehensive study of networking protocols, layered architecture, and problem-solving

Introduction to Internet of Things   **Cisco Networking Academy**
IoT, Digital Transformation, and Cybersecurity   *2024*
– Foundation knowledge in IoT ecosystems, networking principles, and automation

Database and SQL Certification   **Infosys-Springboard**
Database Fundamentals and SQL Programming   *2023*
– Mastered relational database architecture, SQL syntax, data manipulation, and query optimization

Advanced iOS and Android Ethical Hacking   **Udemy**
Mobile Application Security and Ethical Hacking   *2021*
– Learned vulnerability assessments and cybersecurity techniques for mobile platforms

Achievements

Winner - Vadodara Hackathon 5.0   **Parul University**
Emergency Coordination Platform Development   *2024*
– Led team of 6 developers to create innovative disaster response solution using MERN stack

Top 5 - HEREVolution Hackathon   **BITS Pilani APOGEE 2024**
Location-based Services Innovation   *2024*
– Recognized among 200+ participants for innovative use of location-based services

Hackathon Participation   **AugustCode Solutions Pvt. Ltd.**
eCommerce Solutions Development   *2024*
– Contributed to JavaScript-based eCommerce platform development

Additional Information

Languages: English , Hindi , Gujarati

Interests: Open Source Contribution, Emerging Technologies, Mobile App Development, AI/ML Research